



United Nations
Educational, Scientific and
Cultural Organization

Volume I The rationale for sexuality education

International Technical Guidance on Sexuality Education

An evidence-informed approach for schools,
teachers and health educators



Volume I

The rationale for sexuality education

International Technical Guidance on Sexuality Education

**An evidence-informed approach for schools,
teachers and health educators**

December 2009

The designations employed and the presentation of materials throughout this document do not imply the expression of any opinion whatsoever on the part of UNESCO concerning the legal status of any country, territory, city or area or its authorities, or concerning its frontiers and boundaries.

Published by UNESCO

© UNESCO 2009

Section on HIV and AIDS
Division for the Coordination of UN Priorities in Education
Education Sector
UNESCO
7, place de Fontenoy
75352 Paris 07 SP, France
Website: www.unesco.org/aids
Email: aids@unesco.org

Composed and printed by UNESCO
ED-2009/WS/36 REV2 (CLD 3528.9)

Foreword

Preparing children and young people for the transition to adulthood has always been one of humanity's great challenges, with human sexuality and relationships at its core. Today, in a world with AIDS, how we meet this challenge is our most important opportunity in breaking the trajectory of the epidemic.

In many societies attitudes and laws stifle public discussion of sexuality and sexual behaviour – for example in relation to contraception, abortion, and sexual diversity. More often than not, men's access to power is left unquestioned while girls, women and sexual minorities miss out.

Parents and families play a vital role in shaping the way we understand our sexual and social identities. Parents need to be able to address the physical and behavioural aspects of human sexuality with their children, and children need to be informed and equipped with the knowledge and skills to make responsible decisions about sexuality, relationships, HIV and other sexually transmitted infections.

Currently, far too few young people are receiving adequate preparation which leaves them vulnerable to coercion, abuse, exploitation, unintended pregnancy and sexually transmitted infections, including HIV. The UNAIDS 2008 Global Report on the AIDS Epidemic reported that only 40% of young people aged 15-24 had accurate knowledge about HIV and transmission. This knowledge is all the more urgent as young people aged 15-24 account for 45% of all new HIV infections.

We have a choice to make: leave children to find their own way through the clouds of partial information, misinformation and outright exploitation that they will find from media, the Internet, peers and the unscrupulous, or instead face up to the challenge of providing clear, well informed, and scientifically-grounded sexuality education based in the universal values of respect and human rights. Comprehensive sexuality education can radically shift the trajectory of the epidemic, and young people are clear in their demand for more – and better – sexuality education, services and resources to meet their prevention needs.

If we are to make an impact on children and young people before they become sexually active, comprehensive sexuality education must become part of the formal school curriculum, delivered by well-trained and

supported teachers. Teachers remain trusted sources of knowledge and skills in all education systems and they are a highly valued resource in the education sector response to AIDS. As well, special efforts need to be made to reach children out of school – often the most vulnerable to misinformation and exploitation.

Based on a rigorous review of evidence on sexuality education programmes, this *International Technical Guidance on Sexuality Education* is aimed at education and health sector decision-makers and professionals. This document (*Volume I*) focuses on the rationale for sexuality education and provides sound technical advice on characteristics of effective programmes. A companion document (*Volume II*) focuses on the topics and learning objectives to be covered at different ages in basic sexuality education for children and young people from 5 to 18+ years of age, together with a bibliography of useful resources. The *International Technical Guidance* is relevant not only to those countries most affected by AIDS, but also to those facing low prevalence and concentrated epidemics.

This *International Technical Guidance on Sexuality Education* has been developed by UNESCO together with UNAIDS Cosponsors, particularly UNFPA, WHO and UNICEF as well as the UNAIDS Secretariat, as well as with a number of independent experts and those working in countries across the world to strengthen sexuality education. These efforts are a testament to the success of inter-agency collaboration and the priority which the UN attaches to our work with children and young people. This commitment is re-affirmed in the UNAIDS Outcome Framework 2009-2011, which identifies empowering young people to protect themselves from HIV as a key priority action area among other things through the provision of rights-based sexual and reproductive health education.

In the response to AIDS, policy-makers have a special responsibility to lead, to take bold steps and to be prepared to challenge received wisdom when the world throws up new challenges. Nowhere is this more so than in the need to examine our beliefs about sexuality, relationships and what is appropriate to discuss with children and young people in a world affected by AIDS. I urge you to listen to young people, families, teachers and other practitioners, and to work with communities to overcome their concerns and use this *International Technical Guidance* to make sexuality education an integral part of the national response to the HIV pandemic.

Michel Sidibé
Executive Director, UNAIDS

Acknowledgements

This *International Technical Guidance on Sexuality Education* was commissioned by the United Nations Educational, Scientific and Cultural Organization (UNESCO). Its preparation, under the overall guidance of Mark Richmond, UNESCO Global Coordinator for HIV and AIDS, was organized by Chris Castle, Ekua Yankah and Dhianaraj Chetty in the Section on HIV and AIDS, Division for the Coordination of UN Priorities in Education at UNESCO.

Douglas Kirby, Senior Scientist at ETR (Education, Training, Research) Associates and Nanette Ecker, former Director of International Education and Training at the Sexuality Information and Education Council of the United States (SIECUS), were contributing authors of this document. Peter Gordon, independent consultant, edited various drafts.

UNESCO would like to thank the William and Flora Hewlett Foundation for hosting the global technical consultation that contributed to the development of the guidance. The organizers would also like to express their gratitude to all of those who participated in the consultation, which took place from 18-19 February 2009 in Menlo Park, USA (in alphabetical order):

Prateek Awasthi, UNFPA; Arvin Bhana, Human Sciences Research Council (South Africa); Chris Castle, UNESCO; Dhianaraj Chetty, formerly ActionAid; Esther Corona, Mexican Association for Sex Education and World Association for Sexual Health; Mary Guinn Delaney, UNESCO; Nanette Ecker, SIECUS; Nike Esiet, Action Health, Inc. (AHI); Peter Gordon, independent consultant; Christopher Graham, Ministry of Education, Jamaica; Nicole Haberland, Population Council/USA; Sam Kalibala, Population Council/Kenya; Douglas Kirby, ETR Associates; Malika Ladjali, University of Algiers; Wenli Liu, Beijing Normal University; Elliot Marseille, Health Strategies International; Helen Omondi Mondoh, Egerton University; Prabha Nagaraja, Talking about Reproductive and Sexual Health Issues (TARSHI); Hans Olsson, The Swedish Association for Sexuality Education; Grace Osakue, Girls' Power Initiative (GPI) Nigeria; Jo Reinders, World Population Foundation (WPF); Sara Seims, the William and Flora Hewlett Foundation; and Ekua Yankah, UNESCO.

Written comments and contributions were also gratefully received from (in alphabetical order):

Peter Aggleton, Institute of Education at the University of London; Vicky Anning, independent consultant; Andrew Ball, World Health Organization (WHO); Prateek Awasthi, UNFPA; Tanya Baker, Youth Coalition for Sexual and Reproductive Rights; Michael Bartos, UNAIDS; Tania Boler, Marie Stopes International and formerly with UNESCO; Jeffrey Buchanan, formerly with UNESCO; Chris Castle, UNESCO; Katie Chau, Youth Coalition for Sexual and Reproductive Rights; Judith Cornell, UNESCO; Anton De Grauwe, UNESCO International Institute for Educational Planning (IIEP); Jan De Lind Van Wijngaarden, UNESCO; Marta Encinas-Martin, UNESCO; Jane Ferguson, WHO; Claudia Garcia-Moreno, WHO; Dakmara Georgescu, UNESCO International Bureau of Education (IBE); Cynthia Guttman, UNESCO; Anna Maria Hoffmann, United Nations Children's Fund (UNICEF); Roger Ingham, University of Southampton; Sarah Karmin, UNICEF; Eszter Kismodi, WHO; Els Klinkert, UNAIDS; Jimmy Kolker, UNICEF; Steve Kraus, UNFPA; Changu Mannathoko, UNICEF; Rafael Mazin, Pan American Health Organization (PAHO); Maria Eugenia Miranda, Youth Coalition for Sexual and Reproductive Rights; Jean O'Sullivan, UNESCO; Mary Otieno, UNFPA; Jenny Renju, Liverpool School of Tropical Medicine & National Institute for Medical Research; Mark Richmond, UNESCO; Pierre Robert, UNICEF; Justine Sass, UNESCO; Iqbal H. Shah, WHO; Shyam Thapa, WHO; Barbara Tournier, UNESCO IIEP; Friedl Van den Bossche, formerly UNESCO; Diane Widdus, UNICEF; Arne Willems, UNESCO; Ekua Yankah, UNESCO; and Barbara de Zalduondo, UNAIDS.

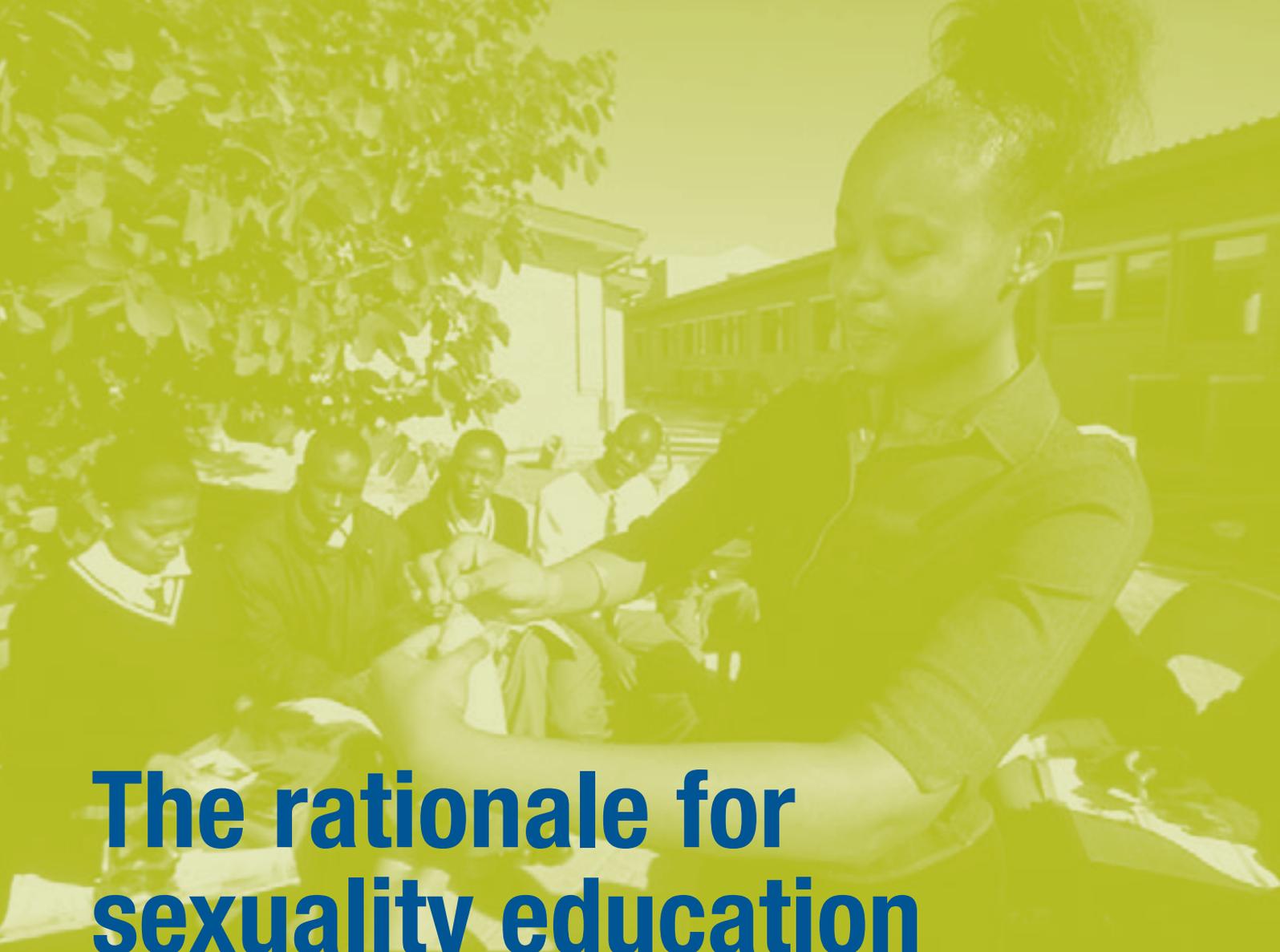
UNESCO would like to acknowledge Masimba Biriwasha, UNESCO; Sandrine Bonnet, UNESCO IBE; Claire Cazeneuve, UNESCO IBE; Claire Greslé-Favier, WHO; Magali Moreira, UNESCO IBE; and Lynne Sergeant, UNESCO IIEP for their contributions to the bibliography of resources. Finally, thanks are offered to Vicky Anning who provided editorial support, Aurélia Mazoyer and Myriam Bouarour who undertook the design and layout, and Schéhérazade Feddal who provided liaison support for the production of this document.

Acronyms

ASRH	Adolescent sexual and reproductive health
AIDS	Acquired Immune Deficiency Syndrome
ART	Anti-retroviral Therapy
CEDAW	Convention on the Elimination of All Forms of Discrimination against Women
CRC	Convention on the Rights of the Child
EFA	Education for All
ETR	Education, Training and Research
FHI	Family Health International
FWCW	Fourth World Conference on Women
HIV	Human Immunodeficiency Virus
HPV	Human Papilloma Virus
IATT	Inter-Agency Task Team
IBE	International Bureau of Education (UNESCO)
ICPD	International Conference on Population and Development
IIEP	International Institute for Educational Planning (UNESCO)
IPPF	International Planned Parenthood Federation
MDG	Millennium Development Goal
NGO	Non-Governmental Organization
PEP	Post-exposure prophylaxis
PFA	Platform for Action
POA	Programme of Action
SIECUS	Sexuality Information and Education Council of the United States
SRE	Sex and relationships education
SRH	Sexual and reproductive health
SRHR	Sexual and reproductive health and rights
STD	Sexually transmitted disease
STI	Sexually transmitted infection
UN	United Nations
UNAIDS	Joint United Nations Programme on HIV/AIDS
UNESCO	United Nations Educational, Scientific and Cultural Organization
UNFPA	United Nations Population Fund
UNICEF	United Nations Children's Fund
WHO	World Health Organization

Table of Contents

Foreword	iii
Acknowledgements	v
Acronyms	vi
The rationale for sexuality education	1
1. Introduction	2
2. Background	5
3. Building support for and planning for the implementation of sexuality education	8
4. The evidence base for sexuality education	13
5. Characteristics of effective programmes	18
6. Good practice in educational institutions	23
References	25
Appendices	29
I. International conventions and agreements relating to sexuality education	30
II. Criteria for selection of evaluation studies and review methods	34
III. People contacted and key informant details	36
IV. List of participants in the UNESCO global technical consultation on sexuality education	38
V. Studies referenced as part of the evidence review	40



The rationale for sexuality education

1. Introduction

1.1 What is sexuality education and why is it important?

This document is based upon the following assumptions:

- Sexuality is a fundamental aspect of human life: it has physical, psychological, spiritual, social, economic, political and cultural dimensions.
- Sexuality cannot be understood without reference to gender.
- Diversity is a fundamental characteristic of sexuality.
- The rules that govern sexual behaviour differ widely across and within cultures. Certain behaviours are seen as acceptable and desirable while others are considered unacceptable. This does not mean that these behaviours do not occur, or that they should be excluded from discussion within the context of sexuality education.

Few young people receive adequate preparation for their sexual lives. This leaves them potentially vulnerable to coercion, abuse and exploitation, unintended pregnancy and sexually transmitted infections (STIs), including HIV. Many young people approach adulthood faced with conflicting and confusing messages about sexuality and gender. This is often exacerbated by embarrassment, silence and disapproval of open discussion of sexual matters by adults, including parents and teachers, at the very time when it is most needed. There are many settings globally where young people are becoming sexually mature and active at an earlier age. They are also marrying later, thereby extending the period of time from sexual maturity until marriage.

Countries are increasingly signalling the importance of equipping young people with knowledge and skills to make responsible choices in their lives, particularly in a context where they have greater exposure to sexually explicit material through the Internet and other media. There is an urgent need to address the gap in knowledge about HIV among young people aged 15-24, with 60 per cent in this age range not able to correctly identify the ways of preventing HIV transmission (UNAIDS, 2008). A growing number of countries have implemented or are scaling up sexuality education¹ programmes, including

China, Kenya, Lebanon, Nigeria and Viet Nam, a trend confirmed by the ministers of education and health from countries in Latin America and the Caribbean at a summit held in August 2008. These efforts recognise that all young people need sexuality education, and that some are living with HIV or are more vulnerable to HIV infection than others, particularly adolescent girls married as children, those who are already sexually active, and those with disabilities.

Effective sexuality education can provide young people with age-appropriate, culturally relevant and scientifically accurate information. It includes structured opportunities for young people to explore their attitudes and values, and to practise the decision-making and other life skills they will need to be able to make informed choices about their sexual lives.

Effective sexuality education is a vital part of HIV prevention and is also critical to achieving Universal Access targets for reproductive health and HIV prevention, treatment, care and support (UNAIDS, 2006). While it is not realistic to expect that an education programme alone can eliminate the risk of HIV and other STIs, unintended pregnancy, coercive or abusive sexual activity and exploitation, properly designed and implemented programmes can reduce some of these risks and underlying vulnerabilities.

Effective sexuality education is important because of the impact of cultural values and religious beliefs on all individuals, and especially on young people, in their understanding of this issue and in managing relationships with their parents, teachers, other adults and their communities.

Studies show (see section 4) that effective programmes can:

- reduce misinformation;
- increase correct knowledge;
- clarify and strengthen positive values and attitudes;

¹ Sexuality Education is defined as an age-appropriate, culturally relevant approach to teaching about sex and relationships by providing scientifically accurate, realistic, non-judgemental information. Sexuality education provides opportunities to explore one's own values and attitudes and to build decision-

making, communication and risk reduction skills about many aspects of sexuality. The evidence review in section 4 of this document refers to this definition as the criterion for the inclusion of studies for the evidence review.

- increase skills to make informed decisions and act upon them;
- improve perceptions about peer groups and social norms; and
- increase communication with parents or other trusted adults.

Research shows that programmes sharing certain key characteristics can help to:

- abstain from or delay the debut of sexual relations;
- reduce the frequency of unprotected sexual activity;
- reduce the number of sexual partners; and
- increase the use of protection against unintended pregnancy and STIs during sexual intercourse.

School settings provide an important opportunity to reach large numbers of young people with sexuality education before they become sexually active, as well as offering an appropriate structure (i.e. the formal curriculum) within which to do so.

1.2 What are the goals of sexuality education?

The primary goal of sexuality education is that children and young people² become equipped with the knowledge, skills and values to make responsible choices about their sexual and social relationships in a world affected by HIV.

Sexuality education programmes usually have several mutually reinforcing objectives:

- to increase knowledge and understanding;
- to explain and clarify feelings, values and attitudes;
- to develop or strengthen skills; and
- to promote and sustain risk-reducing behaviour.

In a context where ignorance and misinformation can be life-threatening, sexuality education is part of the responsibility of education and health authorities and institutions. In its simplest interpretation, teachers in the classroom have a responsibility to act in partnership with parents and communities to ensure the protection and well-being of children and young people. At another level, the *International Technical Guidance* calls

² WHO/UNFPA/UNICEF (1999) define adolescence as the period of life between 10-19 years, and young people as those between 10-24 years. The United Nations Convention on the Rights of the Child (UN, 1989) considers children to be under the age of eighteen.

for political and social leadership from education and health authorities to support parents by responding to the challenge of giving children and young people access to the knowledge and skills they need in their personal, social and sexual lives.

When it comes to sexuality education, programme designers, researchers and practitioners sometimes differ in the relative importance they attach to each objective and to the overall intended goal and focus. For educationalists, sexuality education tends to be part of a broader activity in which increasing knowledge (e.g. about prevention of unintended pregnancy and HIV) is valued both as a worthwhile outcome in its own right, as well as being a first step towards adopting safer behaviour. For public health professionals, the emphasis tends to prioritise reducing sexual risk behaviour.

1.3 What are the purpose and the intended audience of the International Technical Guidance?

This *International Technical Guidance* has been developed to assist education, health and other relevant authorities in the development and implementation of school-based sexuality education programmes and materials.

It will have immediate relevance for education ministers and their professional staff, including curriculum developers, school principals and teachers. However, anyone involved in the design, delivery and evaluation of sexuality education, in and out of school, may find this document useful. Emphasis is placed on the need for programmes that are locally adapted and logically designed to address and measure factors such as beliefs, values, attitudes and skills which, in turn, may affect sexual behaviour.

Sexuality education is the responsibility of the whole school via not only teaching but also school rules, in-school practices, the curriculum and teaching and learning materials. In a broader context, sexuality education is an essential part of a good curriculum and an essential part of a comprehensive response to AIDS at the national level.

The *International Technical Guidance* is intended to:

- Promote an understanding of the need for sexuality education programmes by raising awareness of salient sexual and reproductive health issues and concerns affecting children and young people;
- Provide a clear understanding of what sexuality education comprises, what it is intended to do, and what the possible outcomes are;
- Provide guidance to education authorities on how to build support at community and school level for sexuality education;
- Build teacher preparedness and enhance institutional capacity to provide good quality sexuality education; and
- Provide guidance on how to develop responsive, culturally relevant and age-appropriate sexuality education materials and programmes.

This volume focuses on the ‘why’ and ‘what’ issues that require attention in strategies to introduce or strengthen sexuality education. Examples of ‘how’ these issues have been used in learning and teaching are presented in the list of resources, curricula and materials³ produced by many different organizations in the companion document on topics and learning objectives (<http://www.unesco.org/aids>).

1.4 How is the International Technical Guidance structured?

The *International Technical Guidance on Sexuality Education* comprises two volumes. First, Volume I (this document) is focused on the rationale for sexuality education. Second, Volume II (a companion volume) presents key concepts and topics, together with learning objectives and key ideas for four distinct age groups. These features represent a set of global benchmarks that can and should be adapted to local contexts to ensure relevance, to provide ideas for how to monitor the content of what is being taught and to assess progress towards the achievement of teaching and learning objectives.

³ The resource materials contained in Appendix V Volume II were identified by participants at the global technical consultation in February 2009, and do not carry an endorsement by the UN agencies who produced this *International Technical Guidance*.

As a package, the *International Technical Guidance* provides a platform for those involved in policy, advocacy and the development of new programmes or the review and scaling up of existing programmes.

1.5 How was the International Technical Guidance developed?

The development of the rationale (Volume I) was informed by a specially commissioned review of the literature on the impact of sexuality education on sexual behaviour. The review considered 87 studies from around the world; 29 studies were from developing countries, 47 from the United States and 11 from other developed countries. The common characteristics of existing and evaluated sexuality education programmes were identified and verified through independent review, based on their effectiveness in increasing knowledge, clarifying values and attitudes, developing skills and at times impacting upon behaviour.

The Guidance was further developed through a global technical consultation meeting held in February 2009 with experts from 13 countries (see list in Appendix IV). Colleagues from UNAIDS, UNESCO, UNFPA, UNICEF and WHO have also provided input into this document.

The Guidance was developed through a process designed to ensure high quality, acceptability and ownership at the international level. At the same time, it should be noted that the Guidance is voluntary and non-binding in character and does not have the force of an international normative instrument.

The application of the *International Technical Guidance* must be fully consistent with national laws and policies, and take into account local and community values and norms. Even for an average school setting this is important; teachers and school managers are called upon to exercise particular care in carrying out their duties in areas of the curriculum which parents and communities consider to be sensitive. It is hoped that the Guidance constructively contributes to this effort.

2. Background

2.1 Young people's sexual and reproductive health

Sexual and reproductive ill-health is a major contribution to the burden of disease among young people. Ensuring the sexual and reproductive health of young people makes social and economic sense: HIV infection, other STIs, unintended pregnancy and unsafe abortion all place substantial burdens on families and communities and upon scarce government resources, and yet such burdens are preventable and reducible. Promoting young people's sexual and reproductive health, including the provision of sexuality education in schools, is thus a key strategy towards achieving the Millennium Development Goals (MDGs), especially MDG 3 (achieving gender equality and empowerment of women), MDG 5 (reducing maternal mortality and achieving universal access to reproductive health) and MDG 6 (combating HIV/AIDS).

The sexual development of a person is a process that comprises physical, psychological, emotional, social and cultural dimensions⁴. It is also inextricably linked to the development of one's identity and it unfolds within specific socio-economic and cultural contexts. The transmission of cultural values from one generation to the next forms a critical part of socialisation; it includes values related to gender and sexuality. In many communities, young people are exposed to several sources of information and values (e.g. from parents, teachers, media and peers). These often present them with alternative or even conflicting values about gender, gender equality and sexuality. Furthermore, parents are often reluctant to engage in discussion of sexual matters with children because of cultural norms, their own ignorance or discomfort.

According to the World Health Organization (WHO, 2002), in many cultures puberty represents a time of social as well as physical change for both boys and girls. For boys, puberty can be a gateway to increased freedom, mobility and social opportunities. This may also be the case for girls, but in other instances puberty for



girls may signal an end to schooling and mobility, and the beginning of adult life, with marriage and childbearing as expected possibilities in the near future.

'Being sexual' is an important part of many people's lives: it can be a source of pleasure and comfort and a way of expressing affection and love or starting a family. It can also involve negative health and social outcomes. Whether or not young people choose to be sexually active, sexuality education prioritises the acquisition and/or reinforcement of values such as reciprocity, equality, responsibility and respect, which are prerequisites for healthy and safer sexual and social relationships. Unfortunately, not all sexual relations are consensual, and can be forced including rape.

The past four decades have seen dramatic changes in our understanding of human sexuality and sexual behaviour (WHO, 2002). The global HIV epidemic has played a role in bringing about this change, because it was rapidly understood that, in order to address HIV – which is largely sexually transmitted – we needed to acquire a better understanding of gender and sexuality. According to the Joint United Nations Programme on HIV/AIDS and the World Health Organization (UNAIDS/WHO unpublished estimates, 2008), more than 5.5 million young people globally are living with HIV, two-thirds of whom live in sub-Saharan Africa. Roughly 45 per cent of all new infections occur in the 15 to 24 age group (UNAIDS, 2008). Globally, women constitute 50 per cent of the total number of people living with HIV, but in sub-Saharan Africa, this proportion rises to approximately 60 per cent (UNAIDS, 2008; Stirling *et al.*, 2008).

In many countries, it appears that young people with HIV are living longer, thanks to improved access to treatment with anti-retroviral therapy (ART) and related medical and psychosocial support. Young people living with HIV, including those infected perinatally,

⁴ This definition of human sexual development is derived from *Sexual Health: Report of a technical consultation on sexual health*, WHO, 2002.

have particular needs in relation to their sexual and reproductive health (WHO and UNICEF, 2008). These needs include: opportunities to discuss living positively with HIV; sexuality and relationships; and issues relating to disclosure, stigma and discrimination. However, these needs are often unmet. For example, experience in one country in East Africa (Birungi, Mugisha, and Nyombi, 2007) reveals that young people living with HIV are often discriminated against by sexual and reproductive health providers and are actively discouraged from engaging in sexual activity. Sixty per cent of those living with HIV reported that they had not disclosed their status to their sexual partners; 39 per cent were in relationships with a sexual partner who did not have HIV. Many did not know how to disclose their status to their partners.

Knowledge about HIV transmission remains low in many countries, with women generally less well informed than men. According to UNAIDS (UNAIDS, 2008), many young people still lack accurate, complete information on how to avoid exposure to HIV. While UNAIDS reports that more than 70 per cent of young men know that condoms can protect against HIV, only 55 per cent of young women cite condoms as an effective strategy for HIV prevention. Survey data from sixty-four countries indicate that only 40 per cent of males and 38 per cent of females aged 15 to 24 had accurate and comprehensive knowledge about HIV and its prevention (UNAIDS, 2008). This figure falls well short of the global goal of 'ensuring comprehensive HIV knowledge in 95 per cent of young people by 2010' (UN, 2001). UNAIDS (UNAIDS and WHO, 2007) reported that at least half of students around the world did not receive any school-based HIV education. Furthermore, five out of fifteen countries reporting to UNAIDS in 2006 indicated that the coverage of HIV prevention in schools was less than 15 per cent.

Globally, young people continue to have high rates of STIs. According to the International Planned Parenthood Federation, at least 111 million new cases of curable STIs occur each year among young people aged 10 to 24 (IPPF, 2006). WHO estimates that up to 2.5 million girls aged 15 to 19 years old in developing countries have abortions, the majority of which are unsafe (WHO, 2007). Eleven per cent of births worldwide are to adolescent mothers, who experience higher rates of maternal mortality than older women (WHO, 2008a).

2.2 The role of schools

The education sector has a critical role to play in preparing children and young people for their adult roles and responsibilities (Delors *et al.*, 1996); the transition to adulthood requires becoming informed and equipped with the appropriate knowledge and skills to make responsible choices in their social and sexual lives. Moreover, in many countries, young people have their first sexual experiences while they are still attending school, making the setting even more important as an opportunity to provide education about sexual and reproductive health.

In most countries, children between the ages of five and thirteen, in particular, spend relatively large amounts of time in school. Thus, schools provide a practical means of reaching large numbers of young people from diverse backgrounds in ways that are replicable and sustainable (Gordon, 2008). School systems benefit from an existing infrastructure, including teachers likely to be a skilled and trusted source of information, and long-term programming opportunities through formal curricula. School authorities have the power to regulate many aspects of the learning environment to make it protective and supportive, and schools can also act as social support centres, trusted institutions that can link children, parents, families and communities with other services (for example, health services). However, schools can only be effective if they can ensure the protection and well-being of their learners and staff, if they provide relevant learning and teaching interventions, and if they link up to psychosocial, social and health services. Evidence from UNESCO, WHO, UNICEF and the World Bank (WHO and UNICEF, 2003) point to a core set of cost-effective legislative, structural, behavioural and biomedical measures that can contribute to making schools healthy for children.

Age-appropriate sexuality education is important for all children and young people, in and out of school. While the *International Technical Guidance* focuses specifically upon the school setting, much of the content will be equally relevant to those children who are out of school.

2.3 Young people's need for sexuality education

The *International Technical Guidance* is predicated on the view that children and young people have a specific need for the information and skills provided through sexuality education that makes a difference to their life chances⁵. The threat to life and their well-being exists in a range of contexts, whether it is in the form of abusive relationships, health risks associated with early unintended pregnancy, exposure to STIs including HIV or stigma and discrimination because of their sexual orientation. Given the complexity of the task facing any teacher or parent in guiding and supporting the process of learning and growth, it is crucial to strike the right balance between the need to know and what is age-appropriate and relevant.

Box 1. Sexual activity has consequences: examples from Uganda

It is important to recognise that sexual intercourse has consequences that go beyond unintended pregnancy or exposure to STIs including HIV, as illustrated in the case of Uganda:

'Ugandan boys and girls who have sex early are twice as likely not to complete secondary school as adolescents who have never had sex.' For many reasons, 'currently only 10% of boys and 8% of girls complete secondary school in Uganda' (Demographic and Health Survey Uganda, 2006).

In Uganda, thousands of boys are in jail for consensual sex with girls aged less than 18 years. Parents of many more have had to sell land and livestock to keep their sons out of jail.

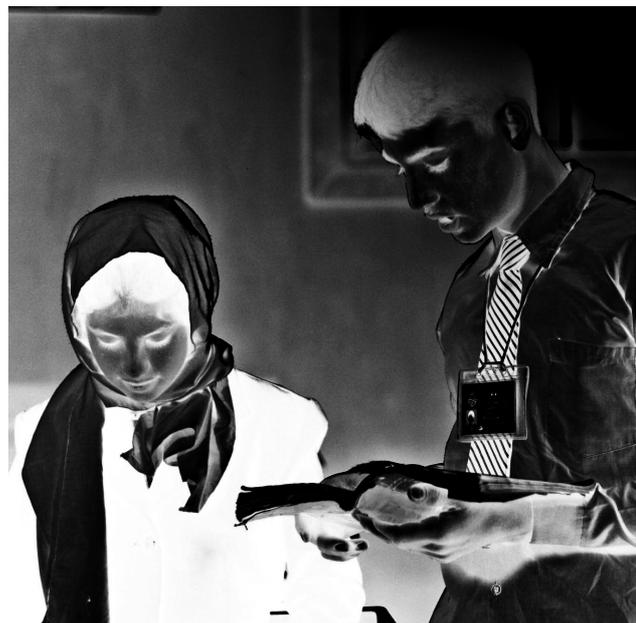
Pregnancy for a 17 year old Ugandan girl may mean that she has to leave school forever or marry a man with other wives (17% are in polygamous unions). About 50% of adolescent girls in Uganda give birth attended only by a relative or traditional birth attendant or alone.

Source: Straight Talk Foundation Annual Report 2008 available on <http://www.straight-talk.org.ug>

2.4 Addressing sensitive issues

The challenge for sexuality education is to reach young people before they become sexually active, whether this is through choice, necessity (e.g. in exchange for money, food or shelter), coercion or exploitation. For many developing countries, this discussion will require attention to other aspects of vulnerability, particularly disability and socio-economic factors. Furthermore, some students, now or in the future, will be sexually active with members of their own sex. These are sensitive and challenging issues for those with responsibility for designing and delivering sexuality education, and the needs of those most vulnerable must be taken into particular consideration.

The *International Technical Guidance* emphasises the importance of addressing the *reality* of young people's sexual lives: this includes some aspects which may be controversial or difficult to discuss in some communities. Ideally, rigorous scientific evidence and public health imperatives should take priority.



⁵ International human rights standards recognise that adolescents have the right to access adequate information essential for their health and development and for their ability to participate meaningfully in society. It is the obligation of States to ensure that all adolescent girls and boys, both in and out of school, are provided with, and not denied, accurate and appropriate information on how to protect their health, including sexual and reproductive health. (Convention on the Rights of the Child General Comment 4(2003) para. 26 & Committee on Economic Social and Cultural Rights General Comment 14(2000) para. 11)

3. Building support and planning for the implementation of sexuality education

Despite the clear and pressing need for effective school-based sexuality education, in most countries throughout the world this is still not available. There are many reasons for this, including ‘perceived’ or ‘anticipated’ resistance resulting from misunderstandings about the nature, purpose and effects of sexuality education. Evidence suggests that many people, including education ministry staff, school principals and teachers, may not be convinced of the need to provide sexuality education, or else are reluctant to provide it because they lack the confidence and skills to do so. Teachers’ personal or professional values could also be in conflict with the issues they are being asked to address, or else there is no clear guidance about what to teach and how to teach it (see Table 1 for some examples of common concerns that are expressed about introducing or promoting sexuality education).

Table 1. Common concerns about the provision of sexuality education

Concerns	Response
Sexuality education leads to early sex.	Research from around the world clearly indicates that sexuality education rarely, if ever, leads to early sexual initiation. Sexuality education can lead to later and more responsible sexual behaviour or may have no discernible impact on sexual behaviour.
Sexuality education deprives children of their ‘innocence’.	Getting the right information that is scientifically accurate, non-judgemental, age-appropriate and complete in a carefully phased process from the beginning of formal schooling is something from which all children and young people benefit. In the absence of this, children and young people will often receive conflicting and sometimes damaging messages from their peers, the media or other sources. Good quality sexuality education balances this through the provision of correct information and an emphasis on values and relationships.
Sexuality education is against our culture or religion.	The <i>International Technical Guidance</i> stresses the need for cultural relevance and local adaptations, through engaging and building support among the custodians of culture in a given community. Key stakeholders, including religious leaders, must be involved in the development of what form sexuality education takes. However, the guidance also stresses the need to change social norms and harmful practices that are not in line with human rights and increase vulnerability and risk, especially for girls and young women.
It is the role of parents and the extended family to educate our young people about sexuality.	Traditional mechanisms for preparing young people for sexual life and relationships are breaking down in some places, often with nothing to fill the void. Sexuality education recognises the primary role of parents and the family as a source of information, support and care in shaping a healthy approach to sexuality and relationships. The role of governments through ministries of education, schools and teachers, is to support and complement the role of parents by providing a safe and supportive learning environment and the tools and materials to deliver good quality sexuality education.
Parents will object to sexuality education being taught in schools.	Parents and families play a primary role in shaping key aspects of their children's sexual identity, and sexual and social relationships. Schools and educational institutions where children and young people spend a large part of their lives are an appropriate environment for young people to learn about sex, relationships and HIV and other STIs. When these institutions function well, young people are able to develop the values, skills and knowledge to make informed and responsible choices in their social and sexual lives. Teachers should be qualified and trusted providers of information and support for most children and young people. In most cases, parents are among the strongest supporters of quality sexuality education programmes in schools.
Sexuality education may be good for young people, but not for young children.	The <i>International Technical Guidance</i> is built upon the principle of age-appropriateness reflected in the grouping of learning objectives, outlined in Volume II, with flexibility to take account of local and community contexts. Sexuality education encompasses a range of relationships, not only sexual relationships. Children are aware of and recognise these relationships long before they act on their sexuality and therefore need the skills to understand their bodies, relationships and feelings from an early age. Sexuality education lays the foundations e.g. by learning the correct names for parts of the body, understanding principles of human reproduction, exploring family and interpersonal relationships, learning about safety, and developing confidence. These can then be built upon gradually, in line with the age and development of a child.

<p>Teachers may be willing to teach sexuality education but are uncomfortable, lacking in skills or afraid to do so.</p>	<p>Well-trained, supported and motivated teachers play a key role in the delivery of good quality sexuality education. Clear sectoral and school policies and curricula help to support teachers in this regard. Teachers should be encouraged to specialise in sexuality education through added emphasis on formalising the subject in the curriculum, as well as stronger professional development and support.</p>
<p>Sexuality education is already covered in other subjects (biology, life skills or civics education).</p>	<p>Ministries, schools and teachers in many countries are already responding to the challenge of improving sexuality education. Whilst recognising the value of these efforts, using the <i>International Technical Guidance</i> presents an opportunity to evaluate and strengthen the curriculum, teaching practice and the evidence base in a dynamic and rapidly changing field.</p>
<p>Sexuality education should promote values.</p>	<p>The <i>International Technical Guidance</i> on Sexuality Education supports a rights-based approach in which values such as respect, acceptance, tolerance, equality, empathy and reciprocity are inextricably linked to universally agreed human rights. It is not possible to divorce considerations of values from discussions of sexuality.</p>

3.1 Key stakeholders

Sexuality education attracts both opposition and support. Should opposition occur, it is by no means insurmountable. Ministries of education play a critical role in building consensus on the need for sexuality education through consultation and advocacy with key stakeholders, including, for example:

- Young people represented by their diversity and organizations that work with them;
- Parents and parent-teacher associations;
- Policy-makers and politicians;
- Government ministries, including health and others concerned with the needs of young people;
- Educational professionals and institutions including teachers, head teachers and training institutions;
- Religious leaders and faith-based organizations;
- Teachers' trade unions;
- Training institutions for health professions;
- Researchers;
- Community and traditional leaders;
- Lesbian, gay, bisexual and transgender groups;
- NGOs, particularly those working on sexual and reproductive health with young people;
- People living with HIV;
- Media (local and national); and
- Relevant donors or outside funders.

Studies and practical experience have shown that sexuality education programmes can be more attractive to young people and more effective if young people play a role in developing the curriculum. Facilitating dialogue between different stakeholders, especially between

young people and adults, could be considered as one of the strategies to build support. There are multiple roles that young people can play. For example, they can identify some of their particular concerns and commonly held beliefs about sexuality, suggest activities that address such concerns, help make role-play scenarios more realistic, and suggest refinements in all activities during pilot-testing (Kirby, 2009).

Box 2. Involving Young People

A report published in 2007 by the UK Youth Parliament, based on questionnaire responses from over 20,000 young people, says that 40 per cent of young people described the sex and relationships education (SRE) they had received as either 'poor' or 'very poor', with a further 33 per cent describing it as only average. Other key findings from the survey were that:

- 43 per cent of respondents reported not having been taught anything about relationships;
- 55 per cent of the 12-15 year olds and 57 per cent of the 16-17 year old females reported not having been taught how to use a condom;
- Just over half of respondents had not been told where their local sexual health service was located.

Involving a structure like the Youth Parliament in the process of reviewing SRE provision yielded important data. The report also illustrates the scale of the challenge in meeting young people's needs, even in developed countries' education systems. Partly because young people got involved in the UK Youth Parliament process, compulsory sex and relationships education was announced in England in 2008.

Source: Fisher, J. and McTaggart J. *Review of Sex and Relationships Education (SRE) in Schools*, Issues 2008, Chapter 3, Section 14. www.teachernet.gov.uk/_doc/13030/SRE%20final.pdf or <http://ukyouthparliament.org.uk/sre>

3.2 Developing the case for sexuality education

A clear rationale for the introduction of sexuality education can be developed on the basis of evidence from the local/national situation and needs assessments. This should include local data on HIV, other STIs and teenage pregnancy, sexual behaviour patterns of young people, including those thought to be most vulnerable, together with studies on specific factors associated with HIV and other STI risk and vulnerability. Ideally, this will include both quantitative and qualitative information; sex and gender-specific data regarding the age and experience of sexual initiation; partnership dynamics, including the number of sexual partners and age differences; rape, coercion or exploitation; duration and concurrency of partnerships; use of condoms and contraception; and use of available health services.

Box 3. Latin America and the Caribbean: Leading the call to action

A growing number of governments around the world are confirming their commitment to sexuality education as a priority essential to achieving national development, health and education goals. In August 2008, health and education ministers from across Latin America and the Caribbean came together in Mexico City to sign a historic declaration affirming a mandate for national school-based sexuality and HIV education throughout the region. The declaration advocates for strengthening comprehensive sexuality education and for making it a core area of instruction in both primary and secondary schools in the region.

Main features of the Ministerial Declaration include:

- A call to implement and/or strengthen multisectoral strategies for comprehensive sexuality education and the promotion and care of sexual health, including HIV prevention;
- An understanding that comprehensive sexuality education entails human rights, ethical, biological, emotional, social, cultural and gender aspects; respects diversity of sexual orientations and identities.

See also: http://www.unaids.org/en/KnowledgeCentre/Resources/FeatureStories/archive/2008/20080731_Leaders_Ministerial.asp

http://data.unaids.org/pub/BaseDocument/2008/20080801_ministerdeclaration_en.pdf

http://data.unaids.org/pub/BaseDocument/2008/20080801_ministerdeclaration_es.pdf

3.3 Planning for implementation

In some countries, National Advisory Councils and/or Task Force Committees have been established by ministries of education to inform the development of relevant policies, to generate support for programmes, and to assist in the development and implementation of sexuality education programmes. Council and committee members tend to include national experts and practitioners in sexual and reproductive health, human rights, education, gender equality, youth development and education and may also include young people. Individually and collectively, council and committee members are often able to participate in sensitisation and advocacy, review draft materials and policies, and develop a comprehensive workplan for classroom delivery together with plans for monitoring and evaluation. At the policy level, a well-developed national policy on sexuality education may be explicitly linked to education sector plans, as well as to the national strategic plan and policy framework on HIV.

To ensure continuity and consistency and to encourage constructive engagement with efforts to improve sexuality education, discussions about building support and capacity for school-based sexuality education may occur at, and across, all levels. Participants in such discussions can be provided, as appropriate, with orientation and training in sexuality and sexual and reproductive health. This can include values clarification and skills training to overcome embarrassment in addressing sexuality. Teachers responsible for the delivery of sexuality education will usually also need training in the specific skills needed to address sexuality clearly, as well as the use of active, participatory learning methods.

3.4 At school level

The overall school context within which sexuality education is to be delivered is crucially important. In this regard, two linked factors will make a difference: (1) leadership, and (2) policy guidance. Firstly, school management is expected to take the lead in motivating and supporting, as well as creating the right climate in which to implement sexuality education and address the needs of young people. From the perspective of a classroom, instructional leadership calls on teachers to lead children and young people towards a better

understanding of sexuality through discovery, learning and growth. In a climate of uncertainty or conflict, the capacity to lead amongst managers and teachers can make the difference between successful programmatic interventions and those that falter.

Secondly, the sensitive and sometimes controversial nature of sexuality education makes it important that supportive and inclusive laws and policies are in place, demonstrating that the provision of sexuality education is a matter of institutional policy rather than the personal choice of individuals. Implementing sexuality education within a clear set of relevant school-wide policies or guidelines concerning, for example, sexual and reproductive health, gender equality (including sexual harassment), sexual and gender-based violence, and bullying (including stigma and discrimination on the grounds of sexual orientation and gender identity) has a number of advantages. A policy framework will:

- Provide an institutional basis for the implementation of sexuality education programmes;
- Anticipate and address sensitivities concerning the implementation of sexuality education programmes;
- Set standards on confidentiality;
- Set standards of appropriate behaviour; and
- Protect and support teachers responsible for delivery of sexuality education and, if appropriate, protect or increase their status within the school and community.

It is possible that some of these issues may be well defined through pre-existing school policies. For example, most school-based policies on HIV pay specific attention to issues of confidentiality, discrimination and gender equality. However, in the absence of pre-existing guidance, a policy on sexuality education will clarify and strengthen the school's commitment to:

- Curriculum delivery by trained teachers;
- Parental involvement;
- Procedures for responding to parental concerns;
- Supporting pregnant learners to continue with their education;
- Making the school a health-promoting environment (through the provision of clean, private, separate toilets for girls and boys, and other measures);
- Action in the case of infringement of policy, for example, in the case of breach of confidentiality, stigma and discrimination, sexual harassment or bullying; and
- Promoting access and links to local sexual and reproductive health and other services in accordance with national laws.

Decisions will also need to be made about how to select teachers to implement sexuality education programmes, and whether this should be done by aptitude or personal preference, or whether it should be required of all teachers delivering a particular subject or set of subjects.

Implementation planning normally would take into consideration the adequate development and provision of resources (including materials), and reaching agreement on the place of the programme within the broader curriculum. Furthermore, it would typically include planning for pre-service training at teacher training institutions and in-service and refresher training for classroom teachers, to build their comfort and confidence, and to develop their skills in participatory and active learning (Kirby, 2009).

For students to feel comfortable participating in sexuality education group activities, they need to feel safe. It is therefore essential to create a protective and enabling environment for sexuality education. This usually includes the establishment, at the outset, of a set of ground rules to be followed during teaching and learning of sexuality education. Typical examples include: avoidance of ridicule and humiliating comments; not asking personal questions; respecting the right not to answer questions; recognising that all questions are legitimate; not interrupting; respecting the opinions of others; and maintaining confidentiality. Research has shown that some curricula also encourage positive reinforcement of student participation. Separating students into same-sex groups, for part or all of a programme, has also been demonstrated to be effective (Kirby, 2009).

Safety in the classroom environment should be reinforced by anti-homophobic and anti-gender discrimination policies that are consistent with the curriculum. More generally, the ethos of the school should be aligned with the values and goals of the curriculum. Schools need to be 'safe places' where learners can express themselves without concern about being humiliated, rejected or mistreated and where there is zero tolerance for relationships between students and teachers (Kirby, 2009).

3.5 Parental involvement

Some parents may have strong views and concerns about the effects of sexuality education. Sometimes, these concerns are based on limited information or misapprehensions about the nature and effects of sexuality education, or perceptions of norms in society. The cooperation and support of parents, families and other community actors should be sought from the outset and regularly reinforced as young people's perceptions and behaviours are greatly influenced by family and community values, social norms and conditions. It is important to emphasise the shared primary concern of schools and parents with promoting the safety and well-being of children and young people.

Parental concerns can be addressed through the provision of parallel programmes that orient them to the content of their children's learning and that equip them with skills to communicate more openly and honestly about sexuality with their children, putting their fears to rest and supporting the school's efforts in delivering good quality sexuality education. Research has shown that one of the most effective ways to increase parent-to-child communication about sexuality is to provide student homework assignments to discuss selected topics with parents or other trusted adults (Kirby, 2009). If teachers and parents support each other in implementing a guided and structured teaching/learning process, the chances of personal growth for children and young people are likely to be much better.



3.6 Schools as community resources

Schools can become trusted community centres that provide necessary links to other resources, such as services for sexual and reproductive health, substance abuse, gender-based violence and domestic crisis (UNESCO, 2008b). This link between the school and community is particularly important in terms of child protection, since some groups of children and young people are particularly vulnerable. These include those who are married, displaced, disabled, orphaned, or living with HIV. They need relevant information and skills to protect themselves, together with access to community services to help protect them from violence, exploitation and abuse.

4. The evidence base for sexuality education

4.1 2008 Review of the impact of sexuality education on sexual behaviour

This section summarises the findings of a recent review of the impact of sexuality education on sexual behaviour. It was commissioned by UNESCO during 2008-2009 as part of the development of the *International Technical Guidance*. In order to identify as many of the studies as possible throughout the world, the review team searched multiple computerised databases, examined results from previous searches, contacted 32 researchers in this field, attended professional meetings where relevant studies might be presented, and scanned each issue of 12 journals. (Please refer to Appendix II for a detailed description of the criteria for the selection of evaluation studies and for additional information about the methods used to identify studies.)

Table 2. The number of sexuality education programmes demonstrating effects on sexual behaviours

	Developing Countries (N=29)	United States (N=47)	Other developed Countries (N=11)	All Countries (N=87)	
Initiation of Sex					
• Delayed initiation	6	15	2	23	37%
• Had no significant impact	16	17	7	40	63%
• Hastened initiation	0	0	0	0	0%
Frequency of Sex					
• Decreased frequency	4	6	0	10	31%
• Had no significant impact	5	15	1	21	66%
• Increased frequency	0	0	1	1	3%
Number of Sexual Partners					
• Decreased number	5	11	0	16	44%
• Had no significant impact	8	12	0	20	56%
• Increased number	0	0	0	0	0%
Use of Condoms					
• Increased use	7	14	2	23	40%
• Had no significant impact	14	17	4	35	60%
• Decreased use	0	0	0	0	0%
Use of Contraception					
• Increased use	1	4	1	6	40%
• Had no significant impact	3	4	1	8	53%
• Decreased use	0	1	0	1	7%
Sexual Risk-Taking					
• Reduced risk	1	15	0	16	53%
• Had no significant impact	3	9	1	13	43%
• Increased risk	1	0	0	1	3%

The review found 87 studies⁶ from around the world (see Table 2) meeting the criteria; 29 studies were from developing countries, 47 from the United States and 11 from other developed countries. All of the programmes were designed to reduce unintended pregnancy or STIs, including HIV; they were not designed to address the varied needs of young people or their right to information about many topics. All were curriculum-based programmes, 70 per cent were implemented in schools and the remainder were implemented in community or clinic settings. Many of the programmes were very modest, lasting less than 30 hours or even 15 hours. The review examined the impact of these programmes on those sexual behaviours that directly affect pregnancy and sexual transmission of HIV and other STIs. It did not review impact on other behaviours such as health-seeking behaviour, sexual harassment, sexual violence or unsafe abortion.

Limitations and strengths of the review

There were a number of limitations to the studies and, by implication, to the review. Too few of the studies were conducted in developing countries. Some studies suffered from an inadequate description of their respective programmes. None examined programmes for gay or lesbian or other young people engaging in same-sex sexual behaviour. Some studies had only barely adequate evaluation designs and many were statistically underpowered. Most did not adjust for multiple tests of significance. Few studies measured impact upon either STI or pregnancy rates and fewer still measured impact on STI or pregnancy rates with biological markers. Finally, there were inherent biases that affect the publication of studies: researchers are more likely to try to publish articles if positive results support their theories. Also, programmes and journals are more likely to accept articles for publication when the results are positive.

Despite these limitations, there is much to be learned from these studies for several reasons: 1) 87 studies, all with experimental or quasi-experimental designs, is a large number of studies; 2) some of the studies employed strong research designs and their results were similar to those with weaker evaluation designs; 3) when the same programmes were studied multiple times, often the same or similar results were obtained; and 4) the programmes that were effective at changing sexual behaviour often shared common characteristics.

6 These studies evaluated 85 programmes (some programmes had multiple articles).

4.2 Impact on sexual behaviour

Of 63 studies⁷ that measured the impact of sexuality education programmes upon the initiation of sexual intercourse, 37 per cent of programmes delayed the initiation of sexual intercourse among either the entire sample or an important sub-sample, while 63 per cent had no impact. Notably, none of the programmes hastened the initiation of sexual intercourse. Similarly, 31 per cent of the programmes led to a decrease in the frequency of sexual intercourse (which includes reverting to abstinence), while 66 per cent had no impact and 3 per cent increased the frequency of sexual intercourse. Finally, 44 per cent of the programmes decreased the number of sexual partners, 56 per cent had no impact in this regard, and none led to an increased number of partners. The small percentages of results in the undesired direction are equal to, or less than, that which would be expected by chance, given the large number of tests of significance that were examined. Also by the same principle, a few of the positive results were probably the result of chance.

Taken together, these studies provide some evidence that programmes that emphasise not having sexual intercourse as the safest option and that also discuss condom and contraceptive use do not increase sexual behaviour. On the contrary:

- more than a third of programmes delayed the initiation of sexual intercourse;
- about a third of programmes decreased the frequency of sexual intercourse; and
- more than a third of programmes decreased the number of sexual partners, either among the entire sample or in important sub-samples.

In addition to the effects of the sexuality education programmes described above, 11 abstinence programmes, all of which were conducted in the United States⁸, were reviewed. These 11 studies did not meet the selection criteria of the review and were thus analysed separately. Two of the 11 studies reported that the evaluated programmes delayed sexual initiation, while nine revealed no impact. Two out of eight studies found the programme reduced the frequency of sex, while six programmes had no impact. Finally, one out

7 More than half of the 63 studies were randomised controlled trials.

8 See Appendix V: Borawski, Trapl, Lovegreen, Colabianchi and Block, 2005; Clark, Trenholm, Devaney, Wheeler and Quay, 2007; Denny and Young, 2006; Kirby, Korpi, Barth and Cagampang, 1997; Rue and Weed, 2005; Trenholm *et al.*, 2007; Weed *et al.*, 1992; Weed *et al.*, 2008.

of seven reduced the number of sexual partners and six did not affect this outcome. In addition, none of the seven studies that measured impact on condom use found either a negative or positive impact, and none of the six studies that measured impact on contraceptive use found an impact. As new evidence becomes available, future versions of the guidance will seek to incorporate the new studies.

4.3 Impact on condom and contraceptive use

Forty per cent of programmes were found to increase condom use, while sixty per cent had no impact and none decreased condom use. Forty per cent of programmes also increased contraceptive use; 53 per cent had no impact, and 7 per cent (a single programme) reduced contraceptive use. Some studies assessed measures that included both the amount of sexual activity as well as condom or contraceptive use in the same measure. For example, some studies measured the frequency of sexual intercourse without condoms or the number of sexual partners with whom condoms were not always used. These measures were grouped and labelled 'sexual risk-taking'. Fifty-three per cent of the programmes decreased sexual risk-taking; 43 per cent had no impact and three per cent were found to increase it.

In summary, these studies demonstrate that more than a third of the programmes increased condom or contraceptive use, while more than half reduced sexual risk-taking, either among entire samples or in important sub-samples.

The positive results on the three measures of sexual activity, condom and contraceptive use and sexual risk-taking, are essentially the same when the studies are restricted to large studies with rigorous experimental designs. Thus, the evidence for the positive impacts upon behaviour is quite strong.

4.4 Impact on STI, pregnancy and birth rates

Because STI, pregnancy and childbearing occur less frequently than sexual activity, condom or contraceptive use, the distributions of the outcome measures of STI, pregnancy or childbearing require that considerably larger samples are needed to measure adequately the impact of programmes upon STI and pregnancy rates. Because many studies present results without having adequate statistical power, these results are not presented in Table 2.

While a small number of studies did evaluate programmes that had a significant reduction in STI and/or pregnancy rates, a greater number did not. Of the 18 studies that used biomarkers to measure impact on pregnancy or STI rates, 5 showed significant positive results and 13 did not.

4.5 Magnitude of impact

Even the effective programmes did not dramatically reduce risky sexual behaviour; their effects were more modest. The most effective programmes tended to lower risky sexual behaviour by, very roughly, one-fourth to one-third. For example, if 30 per cent of the control group had unprotected sex during a period of time, then only 20 per cent the intervention group did so, a reduction of 10 percentage points or a proportional reduction of one-third.

4.6 Breadth of behaviour results

Programmes that emphasised both abstinence and use of condoms and contraception were effective in changing behaviour when implemented in school, clinic and community settings and when addressing different groups of young people: e.g. both males and females, sexually inexperienced and experienced youth, and young people at lower and higher risk in disadvantaged and better-off communities.

Box 4. MEMA kwa Vijana (Good things for young people)

A particularly interesting study is that of the MEMA kwa Vijana programme (MKV) in a rural area of the United Republic of Tanzania. This study evaluated the impact of a multi-component programme comprised of a strong classroom-based curriculum, youth-friendly reproductive health services, community-based condom promotion and distribution for and by peers, together with a community sensitisation effort to create a supportive environment for the interventions.

A rigorous randomised trial found that the programme had some positive effects on reported sexual behaviour. For example, after a period of eight years the programme reduced the percentage of males who reported four or more lifetime sexual partners from 48 per cent to 40 per cent. It also increased the percentage of females who reported using a condom with a casual sexual partner from 31 per cent to 45 per cent.

However, the programme did not have any impact on HIV, other STI or pregnancy rates. There are at least three possible explanations for this. First, study participants' reports of sexual behaviour may have been biased and the programme may not have actually changed sexual behaviour. Second, the programme may have changed risk behaviours, but may not have changed the specific behaviours that have the greatest impact on pregnancy, STIs and HIV. Third, the programme may not have changed behaviours to such an extent as to make a difference in rates of pregnancy, STIs and HIV.

Whatever the explanation, the study is a caution that even a well-designed, curriculum-based programme implemented in concert with mutually reinforcing community-based elements still may not have a significant impact on pregnancy, STI or HIV rates.

Source: <http://www.memakwavijana.org>

4.7 Results of replication studies

Results from several replication studies in the United States are encouraging⁹. These studies demonstrate that when programmes found to be effective at changing behaviour in one study were replicated in similar settings, either by the same or different researchers, they consistently yielded positive results. Programmes were less likely to remain effective when their duration was shortened considerably, when they omitted activities that focused on increasing condom use, or when they were designed for and evaluated in community settings, but were subsequently implemented in classroom settings.

⁹ See Appendix V: Hubbard, Giese and Rainey, 1998; Jemmott, Jemmott, Braverman and Fong, 2005; St. Lawrence, Crosby, Brasfield and O'Bannon, 2002; St. Lawrence *et al.*, 1995; Zimmerman *et al.*, 2008; Zimmerman *et al.*, forthcoming.

4.8 Specific curriculum-based activities

Few studies have measured the impact of specific activities within curriculum-based programmes. However, two studies considered the impact of particular activities within larger, more comprehensive HIV prevention programmes, integrated within multiple courses in schools. The first study (Duflo *et al.*, 2006) found that, when young people observed a debate on whether school children should be taught how to use condoms and then wrote an essay about ways they could protect themselves from HIV, students were subsequently more likely to use condoms. The second study (Dupas, 2006) reported that the following activities all significantly decreased the rate of pregnancy among teenage girls with older men: providing HIV prevalence rates, disaggregated by age and sex; emphasising the risk of young women having sexual intercourse with older men (who are more likely to be HIV-positive); and showing a video about the danger of having sexual intercourse with older men. The biological marker of pregnancy among teenage girls with older men was perceived to be important both in itself and as an indicator of the amount of unprotected sexual intercourse between young women and older men.

4.9 Impact on cognitive factors

Nearly all sexuality education programmes that have been studied increased knowledge about different aspects of sexuality and risk of pregnancy or HIV and other STIs. This is important, because increasing knowledge is a primary role of schools. Programmes that were designed to reduce sexual risk and employed a logic model also strove to change other factors that affect sexual behaviour. Those programmes that were effective at either delaying or reducing sexual activity or increasing condom or contraceptive use typically focused on:

- Knowledge of sexual issues such as HIV, other STIs and pregnancy, including methods of prevention;
- Perceptions of risk e.g. of HIV, other STIs and of pregnancy;
- Personal values about sexual activity and abstinence;
- Attitudes about condoms and contraception;
- Perceptions of peer norms e.g. about sexual activity, condoms and contraception;

- Self-efficacy to refuse sexual intercourse and to use condoms;
- Intention to abstain from sexual intercourse or to restrict sexual activity or number of partners or to use condoms; and
- Communication with parents or other adults and potentially with sexual partners.

It should be emphasised that some studies demonstrated that particular programmes improved these factors (Kirby, Obasi & Laris, 2006; Kirby 2007). Other studies have demonstrated that these factors, in turn, have an impact on adolescent sexual decision-making (Blum & Mmari, 2006; Kirby & Lepore 2007). Thus, there is considerable evidence that effective programmes actually changed behaviour by having an impact on these factors, which then positively affected young people's sexual behaviour.

4.10 Summary of results

- Curriculum-based programmes implemented in schools or communities should be viewed as an important component that can often (but not necessarily always) reduce risky sexual behaviour. However, isolated from broader programmes in the community, these programmes do not always have a significant impact in terms of reducing HIV, STI or pregnancy rates.
- There is evidence that programmes did not have harmful effects: in particular, they did not hasten the initiation or increase sexual activity. The studies also demonstrate that it is possible, with the same programmes, to delay sexual intercourse and to increase the use of condoms or other forms of contraception. In other words, a dual emphasis on abstinence together with use of protection for those who are sexually active is not confusing to young people. Rather, it can be both realistic and effective.
- Nearly all studies of sexuality education programmes demonstrate increased knowledge.
- About two-thirds of them demonstrate positive results on behaviour among either the entire sample or an important sub-sample.
- More than one-fourth of the programmes improved two or more sexual behaviours among young people. Encouragingly, these programmes with positive behavioural results include those with strong evaluation designs and those that replicated similar programmes, with consistent results.
- Comparative analysis of effective and ineffective programmes provides strong evidence that those incorporating the characteristics of effective programmes (see section 5) can change the behaviours that put young people at risk of STIs and pregnancy.
- Even if sexuality education programmes improve knowledge, skills and intentions to avoid sexual risk or to use clinical services, reducing their risk may be challenging to young people if social norms do not support risk reduction and/or clinical services are not available.
- The sexuality education programmes studied had one big gap in common: none of them appeared to address the behaviours that cause significant HIV infection among adolescents in large parts of the world (i.e. Europe, Latin America and the Caribbean and Asia). Those behaviours are unsafe injecting drug use, unsafe sexual activity in the context of sex work and unprotected (mainly anal) sexual intercourse between men.



5. Characteristics of effective programmes

This section sets out the common characteristics of evaluated sexuality education programmes that have been found to be effective in terms of increasing knowledge, clarifying values and attitudes, increasing skills and impacting upon behaviour (Kirby, Roller and Wilson, 2007). For a summary of characteristics of effective programmes, see Table 3. These characteristics build upon those identified and verified through independent review (Kirby, 2005).

5.1 Characteristics of the process of developing the curriculum

1. Involve experts in research on human sexuality, behaviour change and related pedagogical theory in the development of curricula

Just like mathematics, science, languages and other fields, human sexuality is an established field based on an extensive body of research and knowledge. Thus, people familiar with this research and knowledge should be involved in developing or selecting and adapting curricula. In addition, if programmes are designed to reduce sexual risk behaviour, then the curriculum developers must be knowledgeable about what risky behaviours young people are actually engaging in at different ages, what environmental and cognitive factors affect those behaviours, and how best to address those factors.

To create programmes that reduce sexual risk behaviour, curriculum developers must use theory and research about the factors affecting sexual behaviour to identify the factors the programme will address. Then, the curriculum developers must use effective instructional methods to address each of those factors. This requires them to be proficient in theory, psychosocial factors affecting sexual behaviour and effective teaching methods for changing those factors. And, of course,

they need knowledge about other sexuality education programmes that changed behaviour, especially those that addressed similar communities and young people.

2. Assess the reproductive health needs and behaviours of young people in order to inform the development of the logic model

While there is considerable commonality among young people in terms of their needs regarding sexuality, there are also many differences across communities, settings and age groups in their knowledge, their beliefs, their attitudes and skills, and their reasons for failing to avoid unwanted, unintended and unprotected sexual intercourse. Effective sexuality education programmes should strive to identify and address these reasons.

It is also important to build upon young people's existing knowledge, positive attitudes and skills. Thus, effective programmes should build on these assets as well as address deficits.

The needs and assets of young people can be assessed through focus groups with young people and interviews with professionals who work with them as well as reviews of research data from the target group or similar populations.

3. Use a logic model approach that specifies the health goals, the types of behaviour affecting those goals, the risk and protective factors affecting those types of behaviour, and activities to change those risk and protective factors

A logic model is a process or tool used by programme developers to plan and design a programme. Most effective programmes that changed behaviour, and especially those that reduced pregnancy or STI rates, used a clear four-step process for creating the curriculum: 1) they identified the health goals (e.g. reducing unintended pregnancy or HIV and other STIs); 2) they identified the specific behaviours that affected pregnancy and HIV/STI rates and that could be changed; 3) they identified the cognitive (or psychosocial) factors that affect those behaviours (e.g. knowledge, attitudes, norms, skills, etc.); and 4) they created multiple activities to change each factor. This logic model was the theory or basis for their effective programmes.

4. Design activities that are sensitive to community values and consistent with available resources (e.g. staff time, staff skills, facility space and supplies)

This is an important step for all programmes. While this characteristic may seem obvious, there are numerous examples of people who developed curricula that could not be fully implemented because they were not sensitive to community values and resources; consequently, these programmes were not fully implemented or were prematurely terminated.

5. Pilot-test the programme and obtain on-going feedback from the learners about how the programme is meeting their needs

Pilot-testing the programme with individuals representing the target population allows for adjustments to be made to any programme component before formal implementation. This gives programme developers an opportunity to fine-tune the programme as well as to discover important and needed changes. For example, they may change a scenario or wording in a role-play to make it more appropriate, familiar or understandable for programme participants. During pilot-testing, conditions should be as close as possible to those prevailing in the intended implementation setting. The entire curriculum should be pilot-tested and practical feedback from participants should be obtained, especially on what did and did not work and on ways to make weak elements stronger and more effective.

5.2 Characteristics of the curriculum itself

6. Focus on clear goals in determining the curriculum content, approach and activities. These goals should include the prevention of HIV, other STIs and/or unintended pregnancy

Effective curricula are focused curricula. Specifically in relation to sexuality education, this means focusing upon young people's susceptibility (for example, to HIV, other STIs or pregnancy) and the negative consequences of these occurrences. Effective curricula give clear messages about these goals: e.g. if young people have unprotected sexual intercourse on a regular basis they are potentially at risk of HIV, other STIs or of becoming



pregnant (or of causing a pregnancy), and that there are negative consequences associated with these occurrences. In the process of doing this, effective curricula motivate young people to want to avoid STIs and unintended pregnancy.

7. Focus narrowly on specific risky sexual and protective behaviours leading directly to these health goals

Young people can avoid the risks of acquiring HIV or other STIs, by avoiding sexual intercourse. If they do have sexual intercourse and wish to reduce the risks of HIV, STIs or pregnancy, they should use condoms correctly and consistently, reduce the number of sexual partners, avoid concurrent sexual partnerships, be in mutually exclusive sexual relationships, be tested (and treated as necessary) for STIs and vaccinated against those STIs for which vaccinations exist (i.e. Human Papilloma Virus (HPV) and Hepatitis B). In high HIV prevalence settings in sub-Saharan Africa, WHO recommends male circumcision as an additional measure to reduce the risk of acquiring HIV through unprotected vaginal intercourse (WHO and UNAIDS, 2009). To reduce the risk of pregnancy, young people should abstain from sex or else use an effective method of contraception.

Effective curricula focus on particular behaviours in a variety of ways. They talk about delaying age of first sex, informed decision-making about initiating sex, and perceptions and peer pressures around sexual activity. They also talk about sexual intercourse, having fewer partners, avoiding concurrent partnerships, and increasing condom use and contraceptive use when sexually active. It is necessary that this information is conveyed in ways that are clearly understood, in explicit terms which are culturally relevant and age-appropriate. For example, they have identified the pressures to have sexual intercourse facing young

people and have suggested ways of responding to this. Curricula have identified specific situations that could lead to unwanted or unprotected sexual intercourse and have explored coping strategies. During sessions, young people learn how to correctly use condoms, and are introduced to other contraceptive methods. They also learn ways of overcoming barriers to obtaining or using these, for example, identifying specific places where young people can obtain low-cost and confidential services (including contraceptives, HIV counselling, testing and treatment for STIs).

A few effective programmes have established direct and close linkages with nearby reproductive health services. These have facilitated the use of contraception and STI testing, for example.

8. Address specific situations that might lead to unwanted or unprotected sexual intercourse and how to avoid these and how to get out of them

It is important, ideally with the input of young people themselves, to identify the specific situations in which young people are likely to be most pressured into sexual activity and to rehearse strategies for avoiding and getting out of them. In those communities where drug and/or alcohol use is associated with unprotected sexual intercourse, it is important also to address the impact of drugs and alcohol on sexual behaviour. It is also important to address perpetration of sexual violence and the use of coercion to obtain sexual favours.

9. Give clear messages about behaviours to reduce risk of STIs or pregnancy

Providing clear messages about risk and protective behaviours appears to be one of the most important characteristics of effective programmes. Nearly all effective programmes repeatedly, and in a variety of ways, reinforce clear and consistent messages about protective behaviours. In fact, most activities in the curriculum are designed to change behaviours so that they will be consistent with the message. Given that the majority of effective programmes are designed to reduce HIV and other STIs, the most common messages disseminated are that young people should either avoid sexual intercourse or else use a condom every time they have sexual intercourse with every partner. Some effective programmes also emphasise being faithful and avoiding multiple or concurrent sexual partners. Culturally-specific messages in some countries also emphasise the dangers

of 'sugar daddies' (older men who offer gifts or treats, often implicitly in return for sexual intercourse). Other programmes encourage testing and treatment for STIs, including HIV. Programmes concerned with pregnancy prevention tend to emphasise that young people should abstain, delay sexual relations and/or use contraception every time they have sex. Some programmes identify and appeal to important community values e.g. 'be proud', 'be responsible', or 'respect yourself'. When programmes do appeal to these values, they make very clear the specific sexual and protective behaviours that are consistent with these values.

10. Focus on specific risk and protective factors that affect particular sexual behaviours and that are amenable to change by the curriculum-based programme (e.g. knowledge, values, social norms, attitudes and skills)

Risk and protective factors have an important impact on young people's decision-making about sexual behaviour. These include cognitive factors, such as knowledge, values, perception of peer norms, attitudes, skills and intentions, as well as external factors, such as access to adolescent-friendly health and social support services. Curriculum-based programmes, especially those in schools, typically focus primarily on internal cognitive factors, but they also describe how to access reproductive health services. The knowledge, values, norms, etc., that are emphasised in sexuality education also need to be supported by social norms and multiple endeavours promoted by trusted adults who both model and provide reinforcement.

Gender social norms and gender inequality affect the experience of sexuality, sexual behaviour and sexual and reproductive health. Gender discrimination is common and young women often have less power or control in their relationships, making them more vulnerable, in some settings, to abuse and exploitation by boys and men, particularly older men. Men may also feel pressure from their peers to fulfil male sexual stereotypes and engage in harmful behaviours.

In order to be effective at reducing sexual risk behaviour, curricula need to examine critically and address these gender inequalities and stereotypes. For example, they need to discuss the specific circumstances faced by young women and young men and provide effective skills and methods of avoiding unwanted or unprotected sexual activity in those situations. Such activities should set out to address gender inequality, social norms and

stereotypes, and should in no way promote harmful gender stereotypes.

11. Employ participatory teaching methods that actively involve students and help them internalise and integrate information

A broad range of participatory teaching methods have been used in the implementation of effective curricula. Typically, these promote the active involvement of students in a task or activity, conducted in the classroom or community, followed by a period of discussion or reflection in order to draw out specific learning. Methods need to be matched to specific learning objectives.

12. Implement multiple, educationally sound activities designed to change each of the targeted risk and protective factors

Multiple activities are usually necessary to address each risk and protective factor; thus, many activities are needed. This is one reason why successful programmes usually last for at least 12 to 20 sessions.

In addition, the activities need to include instructional strategies that are designed to change the associated risk or protective factors, e.g. role-playing to increase self-efficacy and skills to refuse unwanted sexual activity or avoid possible situations that might lead to unwanted sexual activity.

13. Provide scientifically accurate information about the risks of having unprotected sexual intercourse and the effectiveness of different methods of protection

Information within a curriculum should be evidence-informed, scientifically accurate and balanced, neither exaggerating nor understating the risks or effectiveness of condoms or other forms of contraception.

14. Address perceptions of risk (especially susceptibility).

Effective curricula focus on both the susceptibility to and the severity of HIV, other STIs and unintended pregnancy. Personal testimony, simulations and role-playing have all been found to be useful adjuncts to statistical and other factual information in exploring the concepts of risk, susceptibility and severity.

15. Address personal values and perceptions of family and peer norms about engaging in sexual activity and/or having multiple partners.

Personal values have significant impact on sexual behaviour. Effective programmes have promoted the following values: abstinence; non-sexual ways of demonstrating affection; and being in long-term, loving, mutually faithful sexual relationships. These values have been explored through surveys, role-plays and homework assignments, including communication with parents.

16. Address individual attitudes and peer norms concerning condoms and contraception

Similarly, personal values and attitudes also affect condom and contraceptive use. Thus, effective programmes have presented clear messages about these, together with accurate information about their effectiveness. They have also helped students to explore their attitudes towards condoms and contraception and have identified perceived barriers to their use, e.g. difficulties obtaining and carrying condoms, possible embarrassment when asking one's partner to use a condom, or any difficulties actually using a condom, and then have discussed methods of overcoming these barriers.

17. Address both skills and self-efficacy to use those skills

In order to avoid unwanted or unprotected sexual intercourse, young people need the following skills: the ability to refuse unwanted, unintended or unprotected sexual intercourse; the ability to insist on using condoms or contraception; and the ability to obtain and use these correctly. The first two require communication with a partner. Role playing, representing a range of typical situations, is commonly used to teach these skills with elements of each skill identified before rehearsal in progressively complex scenarios. Condom use and acquisition skills are typically acquired through demonstration and visits to places where they are available.

18. Cover topics in a logical sequence

Topics should be taught in a logical sequence. Many effective curricula focus first upon strengthening motivation to avoid STI/HIV infection and pregnancy by emphasising susceptibility to and severity of these, before going on to address the specific knowledge, attitudes and skills required to avoid them.

Table 3. Summary of characteristics of effective programmes

Characteristics
1. Involve experts in research on human sexuality, behaviour change and related pedagogical theory in the development of curricula.
2. Assess the reproductive health needs and behaviours of young people in order to inform the development of the logic model.
3. Use a logic model approach that specifies the health goals, the types of behaviour affecting those goals, the risk and protective factors affecting those types of behaviour, and activities to change those risk and protective factors.
4. Design activities that are sensitive to community values and consistent with available resources (e.g. staff time, staff skills, facility space and supplies).
5. Pilot-test the programme and obtain on-going feedback from the learners about how the programme is meeting their needs.
6. Focus on clear goals in determining the curriculum content, approach and activities. These goals should include the prevention of HIV, other STIs and/or unintended pregnancy.
7. Focus narrowly on specific risky sexual and protective behaviours leading directly to these health goals.
8. Address specific situations that might lead to unwanted or unprotected sexual intercourse and how to avoid these and how to get out of them.
9. Give clear messages about behaviours to reduce risk of STIs or pregnancy.
10. Focus on specific risk and protective factors that affect particular sexual behaviours and that are amenable to change by the curriculum-based programme (e.g. knowledge, values, social norms, attitudes and skills).
11. Employ participatory teaching methods that actively involve students and help them internalise and integrate information.
12. Implement multiple, educationally sound activities designed to change each of the targeted risk and protective factors.
13. Provide scientifically accurate information about the risks of having unprotected sexual intercourse and the effectiveness of different methods of protection.
14. Address perceptions of risk (especially susceptibility).
15. Address personal values and perceptions of family and peer norms about engaging in sexual activity and/or having multiple partners.
16. Address individual attitudes and peer norms toward condoms and contraception.
17. Address both skills and self-efficacy to use those skills.
18. Cover topics in a logical sequence.



to have enduring behavioural effects at two or more years follow-up have either involved the provision of sequential sessions over the course of two or three years, or else they are programmes in which most sessions have been provided during the first year and followed up with 'booster' sessions delivered months, or even years, later. This enables more sessions to be provided than might otherwise have been possible. It also makes it possible to reinforce important concepts over the

6. Good practice in educational institutions

This section sets out common recommendations, based on identified good practice in educational institutions (Kirby, 2009; Kirby, 2005).

1. Implement programmes that include at least twelve or more sessions

In order to address the needs of young people for information about sexuality, multiple topics need to be covered. In order to reduce sexual risk-taking among young people, both risk and protective factors that affect decision-making need to be addressed. Both of these approaches take time: nearly all the programmes in schools found to have a positive effect upon long-term behaviour have included 12 or more sessions, and sometimes 30 or more sessions, that last roughly 50 minutes or so.

2. Include sequential sessions over several years

To maximise learning, different topics need to be covered in an age-appropriate manner over several years. When giving young people clear messages about behaviour, it is also important to reinforce those messages over time. Most of the programmes found

to have enduring behavioural effects at two or more years follow-up have either involved the provision of sequential sessions over the course of two or three years, or else they are programmes in which most sessions have been provided during the first year and followed up with 'booster' sessions delivered months, or even years, later. This enables more sessions to be provided than might otherwise have been possible. It also makes it possible to reinforce important concepts over the course of several years. A few of these programmes have also implemented school- or community-wide activities over subsequent years. Thus, students could be exposed to the curriculum within the classroom for two or three years and their learning could then be reinforced through school or community-wide components in subsequent years.

3. Select capable and motivated educators to implement the curriculum.

The qualities of the educators can have a huge impact on the effectiveness of the curriculum. Those who deliver curricula should be selected through a transparent process that identifies relevant and desirable characteristics. These include: an interest in teaching the curriculum; personal comfort discussing sexuality; ability to communicate with students; and skill in the use of participatory learning methodologies. If they lack knowledge about the topic, then training should be available (see next characteristic). If it is mostly men who are likely to be selected as educators, then strategies can be implemented to recruit more women, and vice-versa.

Educators may be the regular classroom teachers (especially health education or life skills education teachers) or specially trained teachers who only teach sexuality education and move from classroom to classroom covering all of the relevant grades in the schools. The advantages of general classroom teachers include the following: they are part of the school structure; they may be known and trusted by the community; they have already established relationships with learners; and they can integrate sexuality education

messages into different subjects. The advantages of using specialist sexuality education educators include: they can be specially trained to cover this sensitive topic and to implement participatory activities; they can be provided with regularly updated information; and they can be linked to community-based reproductive health services. Studies have demonstrated that programmes can be effectively delivered by both groups of educators (Kirby, Obasi & Laris, 2006; Kirby, 2007).

Debate continues regarding the relative effectiveness of peer-led versus adult-led delivery of sexuality education curricula. There is stronger evidence that adult-led (as compared to peer-led) programmes demonstrate positive effects on behaviour. However, this reflects the larger number of studies that have focused on adult-led programmes. Three randomised trials and a formal meta-analysis comparing the respective effectiveness of adult- and peer-led programmes have been inconclusive (Stephenson et al., 2004; Jemmott et al., 2004; Kirby et al., 1997). None have found strong evidence that adult-led programmes are more or less effective than peer-led programmes.

4. Provide quality training to educators

Specialised training is important for teachers because delivering sexuality education often involves new concepts and new learning methods. This training should have clear goals and objectives, should teach and provide practice in participatory learning methods, should provide a good balance between learning content and skills, should be based on the curriculum that is to be implemented, and should provide opportunities to

rehearse key lessons in the curriculum. All of this can increase the confidence and capability of the educators. The training should help educators distinguish between their personal values and the health needs of learners. It should encourage educators to teach the curriculum in full, not selectively. It should address challenges that will occur in some communities e.g. very large class sizes and priority given to teaching examinable subjects. It should last long enough to cover the most important knowledge content and skills and to allow teachers time to personalise the training and raise questions and issues. If possible and appropriate, it should address teachers' own concerns about their sexual health and HIV status. Finally, it should be taught by experienced and knowledgeable trainers. At the end of the training, participants' feedback on the training should be solicited.

5. Provide on-going management, supervision and oversight

Because sexuality education is not well established in many schools, school managers should provide encouragement, guidance and support to teachers involved in delivering it. Supervisors should make sure the curriculum is being implemented as planned, that all parts are fully implemented (not just the biological parts that often may be part of examinations), and that teachers have access to support in responding to new and challenging situations as these arise in the course of their work. Supervisors should also keep abreast of important developments in the field of sexuality education so that any necessary adaptations can be made to the school's programme.

References

- Birungi, H., Mugisha, J.F. and Nyombi, J.K. 2007. *Sexuality of young people perinatally infected with HIV: A neglected element in HIV/AIDS Programming in Uganda*. Exchange on HIV/AIDS, sexuality and gender. Nairobi: Population Council.
- Blum, R., Mmari, R. 2006. *Risk and protective factors affecting adolescent reproductive health in developing countries: an Analysis of adolescent sexual and reproductive health literature from around the world*. Geneva: World Health Organization.
- Delors, J., Al Mufti, I., Amagi, I., Carneiro, R. et al. 1996. *Learning: the treasure within. Report to UNESCO of the International Commission on Education for the Twenty-first Century*. Paris: UNESCO.
- Duflo, E., Dupas, P., Kremer, M., & Sinei, S. 2006. *Education and HIV/AIDS prevention: Evidence from a randomized evaluation in Western Kenya*. Boston: Department of Economics and Poverty Action Lab.
- Dupas, P. 2006. *Relative risks and the market for sex: Teenagers, sugar daddies and HIV in Kenya*. Hanover: Dartmouth College.
- Fisher, J. and McTaggart J. *Review of sex and relationships education (SRE) in Schools*. Issues 2008, Chapter 3, Section 14. www.teachernet.gov.uk/_doc/13030/SRE%20final.pdf or <http://ukyouthparliament.org.uk/sre>
- Gordon, P. 2008. *Review of sex, relationships and HIV education in schools*. Paris: UNESCO.
- International Planned Parenthood Federation (IPPF). No date. *Online glossary of sexual and reproductive health terms*. London: IPPF. <http://glossary.ippf.org/GlossaryBrowser.aspx>
- Jemmott, J. B., Jemmott, L. S., Fong, G. T., & Hines, P. M. 2004. *Evaluation of an HIV/STD risk reduction intervention implemented by non-governmental organizations (NGOs): A randomized controlled cluster trial*. Presented at the XV International AIDS Conference, Bangkok, Thailand, July 15, 2004.
- Kirby, D. 2009. *Recommendations for effective sexuality education programmes*. Unpublished review prepared for UNESCO. Paris: UNESCO.
- Kirby, D.B. 2007. *Emerging answers 2007: Research findings on programs to reduce teen pregnancy and sexually transmitted diseases*. Washington, DC: National Campaign to Prevent Teen and Unwanted Pregnancy.
- Kirby, D., & Lepore, G. 2007. *Sexual risk and protective factors: Factors affecting teen sexual behavior, pregnancy, childbearing and sexually transmitted disease: Which are important? Which can you change?* Washington, DC: National Campaign to Prevent Teen Pregnancy.
- Kirby, D., Laris, B. & Roller, L. 2005. *Impact of sex and HIV curriculum-based education programs on sexual behaviors of youth in developing and developed countries*. Washington DC: Family Health International.
- Kirby, D., Obasi, A., & Laris, B. 2006. *The effectiveness of sex education and HIV education interventions in schools in developing countries*. In D. Ross, B. Dick & J. Ferguson (Eds.), *Preventing HIV/AIDS in young people: A systematic review of the evidence from developing countries* (pp. 103-150). Geneva: WHO.
- Kirby, D., Roller, L., & Wilson, M. M. 2007. *Tool to assess the characteristics of effective sex and STD/HIV education programmes*. Washington DC: Healthy Teen Network.

- Kirby, D., Korpi, M., Barth, R. P., & Cagampang, H. H. 1997. *The impact of the Postponing Sexual Involvement curriculum among youths in California*. *Family Planning Perspectives*, 29(3), 100-108.
- Ross, D., Dick, B., & Ferguson, J. 2006. *Preventing HIV/AIDS in young people: A systematic review of the evidence from developing countries*. Geneva: WHO.
- Stephenson, J., Strange, V., Forrest, S., Oakley, A., Copas, A., Allen, E., et al. 2004. *Pupil-led sex education in England (RIPPLE study): Cluster-randomised intervention trial*. *The Lancet*, 364: 338-346.
- Stirling, M., Rees, H., Kasedde, S., & Hankins, C. 2008. *Addressing the vulnerability of young women and girls to stop the HIV epidemic in southern Africa*. Geneva: UNAIDS.
- Straight Talk Foundation. *Annual Report 2008*. Kampala: Straight Talk Foundation.
- UN. 2006. *United Nations Convention on the Rights of Persons with Disabilities*. A/61/611. New York: UN.
- UN. 2003. *United Nations Committee on the Rights of the Child*. General Comment 4: Adolescent health and development in the context of the Convention on the Rights of the Child (CRC). CRC/GC/2003/4. New York: UN.
- UN. 2001. *United Nations General Assembly Special Session on HIV/AIDS*. Declaration of Commitment on HIV/AIDS. A/RES/S-26/2. New York: UN.
- UN. 2000. *United Nations Committee on Economic, Social and Cultural Rights*. Substantive issues arising in the implementation of the international covenant on economic, social and cultural rights. General Comment No. 14. E/C.12/2000/4. New York: UN.
- UN. 1999. *Overall review and appraisal of the implementation of the Programme of Action of the International Conference on Population and Development*. A/S-21/5/Add.1. New York: UN.
- UN. 1995. *United Nations Fourth World Conference on Women. Platform for Action*. New York: UN.
- UN. 1994. *International Conference on Population and Development. Programme of Action*. New York: UN.
- UN. 1989. *United Nations Convention on the Rights of the Child*. New York: UN.
- UNAIDS. 2008. *2008 Report on the global AIDS epidemic*. Geneva: UNAIDS.
- UNAIDS. 2006. *Scaling up access to HIV prevention, treatment, care and support. The next steps*. Geneva: UNAIDS.
- UNAIDS. 2005. *Intensifying HIV prevention*, supra note 26, at 33. Geneva: UNAIDS.
- UNAIDS. 1997. *Impact of HIV and sexual health on the sexual behaviour of young people: A Review Update 27*. Geneva: UNAIDS.
- UNAIDS and WHO. 2007. *2007 AIDS epidemic update*. Geneva: UNAIDS.
- UNAIDS and WHO. 2008. *Unpublished Estimates*. Geneva: UNAIDS.
- UNESCO. 2008a. *EDUCAIDS Framework for Action*. Paris: UNESCO.
- UNESCO. 2008b. *School-centred HIV & AIDS Care and Support*. Paris: UNESCO.

- UNESCO. 2000. *Dakar Framework for Action: Education for All*. Meeting our collective commitments. Paris, UNESCO.
- Uganda Bureau of Statistics (UBOS) and Macro International Inc. 2007. *Uganda Demographic and Health Survey 2006*. Calverton: UBOS and Macro International Inc.
- WHO. 2008a. *Adolescent pregnancy fact sheet*. Geneva: WHO.
- WHO. 2007. Fifth edition. *Unsafe abortion: Global and regional estimates of the incidence of unsafe abortion and associated mortality in 2003*. Geneva: WHO.
- WHO. 2004. *Adolescent Pregnancy: Issues in Adolescent Health and Development*. Geneva: WHO
- WHO. 2002. *Defining sexual health: report of a technical consultation on sexual health*. Geneva: WHO.
- WHO. 2001. *WHO Regional Strategy on Sexual and Reproductive Health*. Copenhagen: WHO, Regional Office for Europe.
- WHO and UNAIDS. 2009. *Operational guidance for scaling up male circumcision services for HIV prevention*. Geneva: WHO.
- WHO and UNICEF. 2008. *More positive living: Strengthening the health sector response to young people living with HIV*. Geneva: WHO.
- WHO and UNICEF. 2003. *Skills for health: Skills-based health education including life skills*. Geneva: WHO and UNICEF.
- WHO/UNFPA/UNICEF. 1999. Study group on programming for adolescent health: *Programming for adolescent health and development*. Geneva: WHO.



Appendices

Appendix I

International conventions and agreements relating to sexuality education

United Nations Committee on the Rights of the Child. CRC/GC/2003/4, 1 July 2003. General Comment 4: Adolescent health and development in the context of the Convention on the Rights of the Child (CRC)¹⁰

“The Committee calls upon States parties to develop and implement, in a manner consistent with adolescents’ evolving capacities, legislation, policies and programmes to promote the health and development of adolescents by (...) (b) providing adequate information and parental support to facilitate the development of a relationship of trust and confidence in which issues regarding, for example, sexuality and sexual behaviour and risky lifestyles can be openly discussed and acceptable solutions found that respect the adolescent’s rights (art. 27 (3));” (CRC/GC/2003/4, para. 16)

“Adolescents have the right to access adequate information essential for their health and development and for their ability to participate meaningfully in society. It is the obligation of States parties to ensure that all adolescent girls and boys, both in and out of school, are provided with, and not denied, accurate and appropriate information on how to protect their health and development and practise healthy behaviours. This should include information on the use and abuse, of tobacco, alcohol and other substances, safe and respectful social and sexual behaviours, diet and physical activity.” (CRC/GC/2003/4, para 26)

United Nations Committee on Economic, Social and Cultural Rights. E/C.12/2000/4, 11 August 2000. Substantive issues arising in the implementation of the international covenant on economic, social and cultural rights. General Comment 14¹¹

“The Committee interprets the right to health, as defined in article 12.1, as an inclusive right extending not only to timely and appropriate health care but also to the underlying determinants of health, such as [...] access to health-related education and information, including on sexual and reproductive health.” (E/C.12/2000/4, para. 11)

“By virtue of article 2.2 and article 3, the Covenant proscribes any discrimination in access to health care and underlying determinants of health, as well as to means and entitlements for their procurement, on the grounds of race, colour, sex, language, religion, political or other opinion, national or social origin, property, birth, physical or mental disability, health status (including HIV/AIDS), sexual orientation and civil, political, social or other status, which has the intention or effect of nullifying or impairing the equal enjoyment or exercise of the right to health(...)” (E/C.12/2000/4, para. 18)

“To eliminate discrimination against women, there is a need to develop and implement a comprehensive national strategy for promoting women’s right to health throughout their life span. Such a strategy should include interventions aimed at the prevention and treatment of diseases affecting women, as well as policies to provide access to a full range of high quality and affordable health care, including sexual and reproductive services. A major goal should be

10 UN. 2003. United Nations Committee on the Rights of the Child. General Comment 4: Adolescent health and development in the context of the Convention on the Rights of the Child (CRC). CRC/GC/2003/4. New York: UN. See also: UN. 1989. United Nations Convention on the Rights of the Child. New York: UN.

11 UN. 2000. United Nations Committee on Economic, Social and Cultural Rights. Substantive issues arising in the implementation of the international covenant on economic, social and cultural rights. General Comment No. 14. E/C.12/2000/4. New York: UN.

reducing women's health risks, particularly lowering rates of maternal mortality and protecting women from domestic violence. The realization of women's right to health requires the removal of all barriers interfering with access to health services, education and information, including in the area of sexual and reproductive health. It is also important to undertake preventive, promotive and remedial action to shield women from the impact of harmful traditional cultural practices and norms that deny them their full reproductive rights." (E/C.12/2000/4, para. 21)

United Nations Convention on the Rights of Persons with Disabilities. A/61/611, 6 December, 2006. Article 25 – Health¹²

"States Parties recognize that persons with disabilities have the right to the enjoyment of the highest attainable standard of health without discrimination on the basis of disability. States Parties shall take all appropriate measures to ensure access for persons with disabilities to health services that are gender-sensitive, including health-related rehabilitation. In particular, States Parties shall:

- (a) Provide persons with disabilities with the same range, quality and standard of free or affordable health care and programmes as provided to other persons, including in the area of sexual and reproductive health and population-based public health programmes..."

International Conference on Population and Development (ICPD) Programme of Action (POA)¹³

"All countries should strive to make accessible through the primary health-care system, reproductive health to all individuals of appropriate ages as soon as possible and no later than the year 2015. Reproductive health care in the context of primary health care should, inter alia, include: family-planning counselling, information, education, communication and services; education and services for prenatal care, safe delivery and post-natal care, especially breast-feeding and infant and women's health care; prevention and appropriate treatment of infertility; abortion as specified in paragraph 8.25, including prevention of abortion and the management of the consequences of abortion; treatment of reproductive tract infections; sexually transmitted

diseases and other reproductive health conditions; and information, education and counselling, as appropriate, on human sexuality, reproductive health and responsible parenthood." (ICPD POA, para. 7.6)

"Innovative programmes must be developed to make information, counselling and services for reproductive health accessible to adolescents and adult men. Such programmes must both educate and enable men to share more equally in family planning and in domestic and child-rearing responsibilities and to accept the major responsibility for the prevention of sexually transmitted diseases. Programmes must reach men in their workplaces, at home and where they gather for recreation. Boys and adolescents, with the support and guidance of their parents, and in line with the Convention on the Rights of the Child, should also be reached through schools, youth organizations and wherever they congregate. Voluntary and appropriate male methods for contraception, as well as for the prevention of sexually transmitted diseases, including AIDS, should be promoted and made accessible with adequate information and counselling." (ICPD POA, para. 7.9)

"The objectives are: (a) To promote adequate development of responsible sexuality, permitting relations of equity and mutual respect between the genders and contributing to improving the quality of life of individuals; (b) To ensure that women and men have access to the information, education and services needed to achieve good sexual health and exercise their reproductive rights and responsibilities." (ICPD POA, para. 7.36)

"Support should be given to integral sexual education and services for young people, with the support and guidance of their parents and in line with the Convention on the Rights of the Child, that stress responsibility of males for their own sexual health and fertility and that help them exercise those responsibilities. Educational efforts should begin within the family unit, in the community and in the schools at an appropriate age, but must also reach adults, in particular men, through non-formal education and a variety of community-based efforts. (ICPD POA, para. 7.37)

"In the light of the urgent need to prevent unwanted pregnancies, the rapid spread of AIDS and other sexually transmitted diseases, and the prevalence of sexual abuse and violence, Governments should base national policies on a better understanding of the need for responsible human sexuality and the realities of current sexual behaviour." (ICPD POA, para. 7.38)

12 UN. 2006. United Nations Convention on the Rights of Persons with Disabilities. A/61/611. New York: UN.

13 UN. 1994. International Conference on Population and Development. Programme of Action. New York: UN.

“Recognizing the rights, duties and responsibilities of parents and other persons legally responsible for adolescents to provide, in a manner consistent with the evolving capacities of the adolescent, appropriate direction and guidance in sexual and reproductive matters, countries must ensure that the programmes and attitudes of health-care providers do not restrict the access of adolescents to appropriate services and the information they need, including on sexually transmitted diseases and sexual abuse. In doing so, and in order to, inter alia, address sexual abuse, these services must safeguard the rights of adolescents to privacy, confidentiality, respect and informed consent, respecting cultural values and religious beliefs. In this context, countries should, where appropriate, remove legal, regulatory and social barriers to reproductive health information and care for adolescents.” (ICPD POA, para. 7.45)

“Countries, with the support of the international community, should protect and promote the rights of adolescents to reproductive health education, information and care and greatly reduce the number of adolescent pregnancies.” (ICPD POA, 7.46)

“Governments, in collaboration with non-governmental organizations, are urged to meet the special needs of adolescents and to establish appropriate programmes to respond to those needs. Such programmes should include support mechanisms for the education and counselling of adolescents in the areas of gender relations and equality, violence against adolescents, responsible sexual behaviour, responsible family-planning practice, family life, reproductive health, sexually transmitted diseases, HIV infection and AIDS prevention. Programmes for the prevention and treatment of sexual abuse and incest and other reproductive health services should be provided. Such programmes should provide information to adolescents and make a conscious effort to strengthen positive social and cultural values. Sexually active adolescents will require special family-planning information, counselling and services, and those who become pregnant will require special support from their families and community during pregnancy and early child care. Adolescents must be fully involved in the planning, implementation and evaluation of such information and services with proper regard for parental guidance and responsibilities.” (ICPD POA, para. 7.47)

“Programmes should involve and train all who are in a position to provide guidance to adolescents concerning responsible sexual and reproductive behaviour, particularly parents and families, and also communities, religious institutions, schools, the mass media and peer groups. Governments and non-governmental

organizations should promote programmes directed to the education of parents, with the objective of improving the interaction of parents and children to enable parents to comply better with their educational duties to support the process of maturation of their children, particularly in the areas of sexual behaviour and reproductive health.” (ICPD POA, 7.48)

United Nations. A/S-21/5/Add.1, 1 July 1999. Overall review and appraisal of the implementation of the Programme of Action of the International Conference on Population and Development (ICPD + 5)¹⁴

“Governments, in collaboration with civil society, including non-governmental organizations, donors and the United Nations system, should: (a) Give high priority to reproductive and sexual health in the broader context of health-sector reform, including strengthening basic health systems, from which people living in poverty in particular can benefit; (b) Ensure that policies, strategic plans, and all aspects of the implementation of reproductive and sexual health services respect all human rights, including the right to development, and that such services meet health needs over the life cycle, including the needs of adolescents, address inequities and inequalities due to poverty, gender and other factors and ensure equity of access to information and services; (c) Engage all relevant sectors, including non-governmental organizations, especially women’s and youth organizations and professional associations, through ongoing participatory processes in the design, implementation, quality assurance, monitoring and evaluation of policies and programmes, in ensuring that sexual and reproductive health information and services meet people’s needs and respect their human rights, including their right to access to good-quality services; Develop comprehensive and accessible health services and programmes, including sexual and reproductive health, for indigenous communities with their full participation that respond to the needs and reflect the rights of indigenous people; [...]” (A/S-21/5/Add.1, para. 52(a)-(d))

United Nations Fourth World Conference on Women (FWCW) Platform for Action (PFA)¹⁵

“The human rights of women include their right to have control over and decide freely and responsibly on matters related to their sexuality, including sexual and

14 UN. 1999. Overall Review and Appraisal of the Implementation of the Programme of Action of the International Conference on Population and Development. A/S-21/5/Add.1. New York: UN.

15 UN. 1995. United Nations Fourth World Conference on Women. Platform for Action. New York: UN.

reproductive health, free of coercion, discrimination and violence. Equal relationships between women and men in matters of sexual relations and reproduction, including full respect for the integrity of the person, require mutual respect, consent and shared responsibility for sexual behaviour and its consequences.” (FWCW PFA, para. 96)

“Actions to be taken by Governments, international bodies including relevant United Nations organizations, bilateral and multilateral donors and non-governmental organizations [...] (k) Give full attention to the promotion of mutually respectful and equitable gender relations and, in particular, to meeting the educational and service needs of adolescents to enable them to deal in a positive and responsible way with their sexuality;” (FWCW PFA, para. 108(k) and A/S-21/5/Add.1, para. 71(j))

“Actions to be taken by Governments, in cooperation with non-governmental organizations, the mass media, the private sector and relevant international organizations, including United Nations bodies, as appropriate [...] (g) Recognize the specific needs of adolescents and implement specific appropriate programmes, such as education and information on sexual and reproductive health issues and on sexually transmitted diseases, including HIV/AIDS, taking into account the rights of the child and the responsibilities, rights and duties of parents as stated in paragraph 107 (e) above;” (FWCW PFA, para. 107(g))

United Nations. A/RES/S-26/2, 2 August 2001. General Assembly Special Session on HIV/AIDS, Declaration of Commitment on HIV/AIDS¹⁶

“We, the Heads of State and Government and Representatives of Heads of State and Government, solemnly declare our commitment to address the HIV/AIDS crisis by taking action as follows [...] By 2003, develop and/or strengthen strategies, policies and programmes, which recognize the importance of the family in reducing vulnerability, inter alia, in educating and guiding children and take account of cultural, religious and ethical factors, to reduce the vulnerability of children and young people by: ensuring access of both girls and boys to primary and secondary education, including on HIV/AIDS in curricula for adolescents; ensuring safe and secure environments, especially for young girls; expanding good quality youth-friendly information and sexual health education and counselling service; strengthening reproductive

and sexual health programmes; and involving families and young people in planning, implementing and evaluating HIV/AIDS prevention and care programmes, to the extent possible;” (para. 63)

More general references may also include:

- The 2000 Education for All (EFA) Dakar Framework for Action¹⁷ stresses in one of its six goals that youth-friendly programmes must be made available to provide the information, skills, counselling and services needed to protect young people from the risks and threats that limit their learning opportunities and challenge education systems, such as school-age pregnancy and HIV and AIDS.
- EDUCAIDS¹⁸, the UNAIDS initiative for a comprehensive education sector response to HIV and AIDS that is led by UNESCO, recommends that HIV and AIDS curricula in schools “begin early, before the onset of sexual activity”, “build knowledge and skills to adopt protective behaviours and reduce vulnerability”, and “address stigma and discrimination, gender inequality and other structural drivers of the epidemic”.
- The World Health Organization¹⁹ (WHO, 2004) concludes that it is critical that sexuality education be started early, particularly in developing countries, because girls in the first classes of secondary school face the greatest risk of the consequences of sexual activity, and beginning sexuality education in primary school also reaches students who are unable to attend secondary school. Guidelines from the WHO Regional Office for Europe call on Member States to ensure that education on sexuality and reproduction is included in all secondary school curricula and is comprehensive.²⁰
- UNAIDS²¹ has concluded that the most effective approaches to sexuality education begin with educating young people before the onset of sexual activity.²² UNAIDS recommends that HIV prevention programmes: be comprehensive, high quality and evidence-informed; promote gender equality and address gender norms and relations; and include accurate and explicit information about safer sex, including correct and consistent male and female condom use.

16 UN. 2001. United Nations General Assembly Special Session on HIV/AIDS. Declaration of Commitment on HIV/AIDS. . A/RES/S-26/2. New York: UN.

17 UNESCO. 2000. Dakar Framework for Action: Education for All. Meeting Our Collective Commitments. Paris, UNESCO.

18 UNESCO. 2008. EDUCAIDS Framework for Action. Paris: UNESCO.

19 WHO. 2004. Adolescent Pregnancy Report. Geneva: WHO

20 WHO. 2001. WHO Regional Strategy on Sexual and Reproductive Health. Copenhagen: WHO, Regional Office for Europe.

21 UNAIDS. 2005. Intensifying HIV Prevention, supra note 26, at 33. Geneva: UNAIDS.

22 UNAIDS. 1997. Impact of HIV and Sexual Health on the Sexual Behaviour of Young People: A Review Update 27. Geneva: UNAIDS.

Appendix II

Criteria for selection of evaluation studies

To be included in this review of sex, relationships and HIV/STI education programmes, each study had to meet the following criteria:

1. The evaluated programme had to:
 - (a) be an STI, HIV, sex, or relationship education programme which is curriculum-based and group-based (as opposed to an intervention involving only spontaneous discussion, only one-on-one interaction, or only broad school, community, or media awareness activities) and curricula had to encourage more than abstinence as methods of protection against pregnancy and STIs.
 - (b) focus primarily on sexual behaviour (as opposed to covering a variety of risk behaviours such as drug use, alcohol use, and violence in addition to sexual behaviour).
 - (c) focus on adolescents up through age 24 outside of the US or up through age 18 in the US.
 - (d) be implemented anywhere in the world.
2. The research methods had to:
 - (a) include a reasonably strong experimental or quasi-experimental design with well-matched intervention and comparison groups and both pre-test and post-test data collection.
 - (b) have a sample size of at least 100.
 - (c) measure programme impact on one or more of the following sexual behaviours: initiation of sex, frequency of sex, number of sexual partners, use of condoms, use of contraception more generally, composite measures of sexual risk (e.g., frequency of unprotected sex), STI rates, pregnancy rates, and birth rates.
 - (d) measure impact on those behaviours that can change quickly (i.e., frequency of sex, number of sexual partners, use of condoms, use of contraception, or sexual risk taking) for at least 3 months or measure impact on those behaviours or outcomes that change less quickly (i.e., initiation of sex, pregnancy rates, or STI rates) for at least 6 months.
3. The study had to be completed or published in 1990 or thereafter. In an effort to be as inclusive as possible, the criteria did not require that studies had been published in peer-reviewed journals.

Review methods

In order to identify and retrieve as many of the studies throughout the entire world as possible, several tasks were completed, several of them on an ongoing basis over two to three years. More specifically, we:

1. Reviewed multiple computerised databases for studies meeting the criteria (i.e., PubMed, PsychInfo, Popline, Sociological Abstracts, Psychological Abstracts, Bireme, Dissertation Abstracts, ERIC, CHID, and Biologic Abstracts).
2. Reviewed the results of previous searches completed by Education, Training and Research Associates and identified those studies meeting the criteria specified above.
3. Reviewed the studies already summarised in previous reviews completed by others.
4. Contacted 32 researchers who have conducted research in this field asked them to review all the studies previously found and to suggest and provide any new studies.
5. Attended professional meetings, scanned abstracts, spoke with authors, and obtained studies whenever possible.
6. Scanned each issue of 12 journals in which relevant studies might appear.

This comprehensive combination of methods identified 109 studies meeting the criteria above. These studies evaluated 85 programmes (some programmes had multiple articles). All of these were obtained, coded and summarised in Table 2 section 4.

Appendix III

People contacted and key informant details

Name, Title and Affiliation	Country/Region	Area(s) of Expertise
Peter Aggleton, Vicki Strange Institute of Education, London UNESCO's Global Advisory Group	UK and global	Research
Arvin Bhana Human Sciences Research Council UNESCO's Global Advisory Group	Southern Africa	Research
Ann Biddlecom The Alan Guttmacher Institute	Sub-Saharan Africa	Research
Antonia Biggs, Claire Brindis University of California, San Francisco	US and Latin America	Research
Isolde Birdthistle, James Hargreaves, David Ross London School of Hygiene & Tropical Medicine	Sub-Saharan Africa	Research
Harriet Birungi Population Council Kenya	Eastern Africa	Operations research
Frances Cowan University College London	Southern Africa	Research
Mary Crewe University of Pretoria	Sub-Saharan Africa	Research
Juan Diaz Population Council Brazil	Brazil and Latin America	Operations research
Nanette Ecker SIECUS	Global	Technical support
Jane Ferguson WHO	Global	Coordination, research & technical support
Bill Finger, Karah Fazekas Family Health International	Global	Technical support
Alan Flisher University of Cape Town	Southern Africa	Research
John Jemmott University of Pennsylvania	US and South Africa	Research
Rachel Jewkes Medical Research Council, South Africa	Southern Africa	Research

Name, Title and Affiliation	Country/Region	Area(s) of Expertise
Ana Luisa Liguori Ford Foundation	Latin America	Funding and technical support
Joanne Leerlooijer, Jo Reinders World Population Fund (WPF)	India, Indonesia, Kenya, The Netherlands, Thailand, Uganda, Viet Nam	Implementation and technical support
Cynthia Lloyd Population Council USA	Sub-Saharan Africa	Operations research
Eleanor Matika-Tyndale University of Windsor	Canada and Eastern Africa	Research
Lisa Mueller Programme for Appropriate Technology in Health (PATH)	Botswana, China, Ghana and United Republic of Tanzania	Implementation and technical support
George Patton The Royal Children's Hospital Melbourne, Centre for Adolescent Health	Australia	Research
Susan Philliber Columbia University	North America	Research
David Plummer University of the West Indies UNESCO Chair in Education	Southern Africa and the Caribbean	Research
Herman Schaalma University of Maastricht	The Netherlands	Research
Lynne Sergeant UNESCO HIV and AIDS Education Clearinghouse	Global	Technical support
Doug Webb UNICEF	Sub-Saharan Africa	Coordination and technical support
Alice Welbourn Global Coalition for Women on AIDS, UNESCO's Global Advisory Group	Sub-Saharan Africa	Advocacy and technical support
Daniel Wight Medical Research Council UK	UK, Caribbean and sub-Saharan Africa	Research

Appendix IV

List of participants

in the UNESCO global technical consultation on sex, relationships and HIV/STI education, 18-19 February 2009, San Francisco, USA

Prateek Awasthi

UNFPA
Sexual and Reproductive Health Branch
Technical Division
220 East 42nd Street
New York, New York 10017, USA
<http://www.unfpa.org/adolescents/>

Arvin Bhana

Child, Youth, Family & Social Development
Human Sciences Research Council (HSRC)
Private Bag X07
Dalbridge, 4014, South Africa
<http://www.hsrc.ac.za/CYFSD.phtml>

Chris Castle

UNESCO
Section on HIV and AIDS
Division for the Coordination of UN Priorities in
Education
7, place de Fontenoy 75352 Paris, France
<http://www.unesco.org/aids>

Dhianaraj Chetty

Action Aid International
Post Net suite # 248
Private bag X31 Saxonwold 2132
Johannesburg, South Africa
<http://www.actionaid.org/main.aspx?PageID=167>

Esther Corona

Mexican Association for Sex Education/World
Association for Sexual Health (WAS)
Av de las Torres 27 B 301
Col Valle Escondido, Delegación Tlalpan México
14600 D.F., Mexico
esthercoronav@hotmail.com
<http://www.worldsexology.org/>

Mary Guinn Delaney

UNESCO Santiago
Enrique Delpiano 2058
Providencia
Santiago, Chile
<http://www.unesco.org/santiago>

Nanette Ecker

nanetteecker@verizon.net
<http://www.siecus.org/>

Nike Esiet

Action Health, Inc. (AHI)
17 Lawal Street
Jibowu, Lagos, Nigeria
<http://www.actionhealthinc.org/>

Peter Gordon

Basement Flat
27a Gloucester Avenue
London NW1 7AU, United Kingdom

Christopher Graham

HIV and AIDS Education Guidance and Counselling
Unit, Ministry of Education
37 Arnold Road
Kingston 5, Jamaica

Nicole Haberland

Population Council USA
One Dag Hammarskjold Plaza
New York, NY 10017, USA
<http://www.popcouncil.org/>

Sam Kalibala

Population Council Kenya
Ralph Bunche Road
General Accident House, 2nd Floor
P.O. Box 17643-00500, Nairobi, Kenya
<http://www.popcouncil.org/africa/kenya.html>

Douglas Kirby

ETR Associates
4 Carbonero Way,
Scotts Valley, CA 95066, USA
<http://www.etrassociates.org/>

Wenli Liu

Research Center for Science Education
Beijing Normal University
#19, Xijiekouwaidajie
Beijing, 100875, China

Elliot Marseille

Health Strategies International
1743 Carmel Drive #26
Walnut Creek, CA 94596, USA

Helen Omondi Mondoh

Egerton University
P.O BOX 536
Egerton-20115, Kenya

Prabha Nagaraja

Talking About Reproductive and Sexual Health Issues
(TARSHI)
11, Mathura Road, 1st Floor, Jangpura B
New Delhi 110014, India
<http://www.tarshi.net/>

Hans Olsson

The Swedish Association for Sexuality Education
Box 4331, 102 67
Stockholm, Sweden
<http://www.rfsu.se/>

Grace Osakue

Girls' Power Initiative (GPI) Edo State
67 New Road, Off Amadasun Street,
Upper Ekenwan Road, Ugbiyoko,
P.O.Box 7400, Benin City, Nigeria
<http://www.gpinigeria.org/>

Jo Reinders

World Population Foundation
Vinkenburgstraat 2A
3512 AB Utrecht, Holland
<http://www.wpf.org/>

Sara Seims

Population Program
The William and Flora Hewlett Foundation
2121 Sand Hill Road
Menlo Park, CA 94025, USA
<http://www.hewlett.org/Programs/Population/>

Ekua Yankah

UNESCO
Section on HIV and AIDS
Division for the Coordination of UN Priorities in
Education
7, place de Fontenoy 75352 Paris, France
<http://www.unesco.org/aids>

Appendix V

Studies referenced as part of the evidence review

References for studies measuring impact of programmes on sexual behaviour in developing countries

1. Agha, S., & Van Rossem, R. 2004. Impact of a school-based peer sexual health intervention on normative beliefs, risk perceptions, and sexual behaviour of Zambian adolescents. *Journal of Adolescent Health*, 34(5), 441-452.
2. Antunes, M., Stall, R., Paiva, V., Peres, C., Paul, J., Hudes, M., *et al.* 1997. Evaluating an AIDS sexual risk reduction programme for young adults in public night schools in São Paulo, Brazil. *AIDS*, 11 (Supplement 1), S121-S127.
3. Baker, S., Rumakom, P., Sartsara, S., Guest, P., McCauley, A., & Rewthong, U. 2003. *Evaluation of an HIV/AIDS programme for college students in Thailand*. Washington, D.C.: Population Council.
4. Cabezon, C., Vigil, P., Rojas, I., Leiva, M., Riquelme, R., & Aranda, W. 2005. Adolescent pregnancy prevention: An abstinence-centered randomized controlled intervention in a Chilean public high school. *Journal of Adolescent Health*, 36(1), 64-69.
5. Cowan, F. M., Pascoe, S. J. S., Langhaug, L. F., Dirawo, J., Chidiya, S., Jaffar, S., *et al.* 2008. The Regai Dzive Shiri Project: a cluster randomised controlled trial to determine the effectiveness of a multi-component community-based HIV prevention intervention for rural youth in Zimbabwe – study design and baseline results. *Tropical Medicine and International Health*, 13(10), 1235-1244.
6. Duflo, E., Dupas, P., Kremer, M., & Sinei, S. 2006. *Education and HIV/AIDS prevention: Evidence from a randomized evaluation in Western Kenya*. Boston: Department of Economics and Poverty Action Lab.
7. Dupas, P. 2006. *Relative risks and the market for sex: Teenagers, sugar daddies and HIV in Kenya*. Hanover: Dartmouth College.
8. Eggleston, E., Jackson, J., Rountree, W., & Pan, Z. 2000. Evaluation of a sexuality education programme for young adolescents in Jamaica. *Revista Panamericana de Salud Pública/Pan American Journal of Public Health*, 7(2), 102-112.
9. Erulkar, A., ETTYANG, L., Onoka, C., Nyagah, F., & Muyonga, A. 2004. Behaviour change evaluation of a culturally consistent reproductive health programme for young Kenyans. *International Family Planning Perspectives*, 30(2), 58-67.
10. Fawole, I., Asuzu, M., Oduntan, S., & Brieger, W. 1999. A school-based AIDS education programme for secondary school students in Nigeria: *A review of effectiveness*. *Health Education Research*, 14(5), 675-683.
11. Fitzgerald, A., Stanton, B., Terreri, N., Shipena, H., Li, X., Kahihuata, J., *et al.* 1999. Use of western-based HIV risk-reduction interventions targeting adolescents in an African setting. *Journal of Adolescent Health*, 23(1), 52-61.
12. James, S., Reddy, P., Ruiters, R., McCauley, A., & van den Borne, B. 2006. The impact of an HIV and AIDS life skills programme on secondary school students in KwaZulu-Natal, South Africa. *AIDS Education and Prevention*, 18 (4), 281-294.

13. Jewkes, R., Nduna, M., Levin, J., Jama, N., Dunkle, K., Puren, A., *et al.* 2008. Impact of Stepping Stones on incidence of HIV and HSV-2 and sexual behaviour in rural South Africa: cluster randomized controlled trial. *British Medical Journal*, 337, A506.
14. Jewkes, R., Nduna, M., Levin, J., Jama, N., Dunkle, K., Wood, K., *et al.* 2007. *Evaluation of Stepping Stones: A gender transformative HIV prevention intervention*. Witwatersrand: South African Medical Research Council.
15. Karnell, A. P., Cupp, P. K., Zimmerman, R. S., Feist-Price, S., & Bennie, T. 2006. Efficacy of an American alcohol and HIV prevention curriculum adapted for use in South Africa: Results of a pilot study in five township schools. *AIDS Education and Prevention*, 18 (4), 295-310.
16. Kinsler, J., Sneed, C., Morisky, D., & Ang, A. 2004. Evaluation of a school-based intervention for HIV/AIDS prevention among Belizean adolescents. *Health Education Research*, 19(6), 730-738.
17. Klepp, K., Ndeki, S., Leshabari, M., Hanna, P., & Lyimo, B. 1997. AIDS education in Tanzania: Promoting risk reduction among primary school children. *Journal of Public Health*, 87(12), 1931-1936.
18. Klepp, K., Ndeki, S., Seha, A., Hannan, P., Lyimo, B., Msuya, M., *et al.* 1994. AIDS education for primary school children in Tanzania: An evaluation study. *AIDS*, 8 (8), 1157-1162.
19. Martinez-Donate, A., Melbourne, F., Zellner, J., Sipan, C., Blumberg, E., & Carrizosa, C. 2004. Evaluation of two school-based HIV prevention interventions in the border city of Tijuana, Mexico. *The Journal of Sex Research*, 41(3), 267-278.
20. Maticka-Tyndale, E., Brouillard-Coyle, C., Gallant, M., Holland, D., & Metcalfe, K. 2004. *Primary School Action for Better Health: 12-18 Month Evaluation - Final Report on PSABH Evaluation in Nyanza and Rift Valley*. Windsor, Canada: University of Windsor.
21. Maticka-Tyndale, E., Wildish, J., & Gichuru, M. 2007. Quasi-experimental evaluation of a national primary school HIV intervention in Kenya. *Evaluation and Programme Planning*, 30, 172-186.
22. McCauley, A., Pick, S., & Givaudan, M. 2004. *Programmemeing for HIV prevention in Mexican schools*. Washington, D.C.: Population Council.
23. MEMA kwa Vijana. 2008. *Rethinking how to prevent HIV in young people: Evidence from two large randomised controlled trials in Tanzania and Zimbabwe*. London: MEMA kwa Vijana Consortium.
24. MEMA kwa Vijana. 2008. *Long-term evaluation of the MEMA kwa Vijuana adolescent sexual health programme in rural Mwanza, Tanzania: a randomised controlled trial*. London: MEMA kwa Vijana Consortium.
25. Mukoma, W. K. 2006. *Process and outcome evaluation of a school-based HIV/AIDS prevention intervention in Cape Town high schools*. University of Cape Town, Cape Town, South Africa.
26. Murray, N., Toledo, V., Luengo, X., Molina, R., & Zabin, L. 2000. *An evaluation of an integrated adolescent development programme for urban teenagers in Santiago, Chile*. Washington, D.C.: Futures Group.
27. Pulerwitz, J., Barker, G., & Segundo, M. 2004. *Promoting healthy relationships and HIV/STI prevention for young men: Positive findings from an intervention study in Brazil*. Washington DC: Population Council.
28. Reddy, P., James, S., & McCauley, A. 2003. *Programming for HIV Prevention in South African Schools: A report on Programme Implementation*. Washington, D.C.: Population Council.
29. Regai Dzive Shiri Research Team. 2008. *Cluster randomised trial of a multi-component HIV prevention intervention for young people in rural Zimbabwe: Technical briefing note*. Harare, Regai Dzive Shiri Research Team.
30. Ross, D. 2003. *MEMA kwa Vijana: Randomized controlled trial of an adolescent sexual health programme in rural Mwanza, Tanzania*. London: London School of Hygiene and Tropical Medicine.
31. Ross, D., Dick, B., & Ferguson, J. 2006. *Preventing HIV/AIDS in Young People: A Systematic Review of the Evidence from Developing Countries*. Geneva: WHO.

32. Ross, D. A., Chagalucha, J., Obasi, A. I. N., Todd, J., Plummer, M. L., Cleophas-Mazige, B., *et al.* 2007. Biological and behavioural impact of an adolescent sexual health intervention in Tanzania: a community-randomised trial. *AIDS*, 21 (14):1943-55.
33. Seidman, M., Vigil, P, Klaus, H, Weed, S, and Cachan, J. 1995. *Fertility awareness education in the schools: A pilot programme in Santiago Chile*. Paper presented at the American Public Health Association Annual Meeting.
34. Shamagonam, J., Reddy, P., Ruitter, R.A.C., McCauley, A., & Borne, B. v. d. 2006. The impact of an HIV and AIDS life skills programme on secondary school students in Kwazulu-Natal, South Africa. *AIDS Education and Prevention*, 18(4), 281-294.
35. Smith, E. A., Palen, L.-A., Caldwell, L. L., Flisher, A. J., Graham, J. W., Mathews, C., *et al.* 2008. Substance use and sexual risk prevention in Cape Town, South Africa: An evaluation of the HealthWise programme. *Prevention Science*, 9 (4), 311-321.
36. Stanton, B., Li, X., Kahihuata, J., Fitzgerald, A., Nuembo, S., Kanduuombe, G., *et al.* 1998. Increased protected sex and abstinence among Namibian youth following a HIV risk-reduction intervention: A randomized, longitudinal study. *AIDS*, 12, 2473-2480.
37. Thato, R., Jenkins, R., & Dusitsin, N. 2008. Effects of the culturally-sensitive comprehensive sex education programme among Thai secondary school students. *J Advanced Nursing*, 62 (4), 457-469.
38. Walker, D., Gutierrez, J. P., Torres, P., & Bertozzi, S. M. 2006. HIV prevention in Mexican schools: prospective randomised evaluation of intervention. *British Medical Journal*, 332 (7551), 1189-1194.
39. Wang, B., Hertog, S., Meier, A., Lou, C., & Gao, E. 2005. The potential of comprehensive sex education in China: findings from suburban Shanghai. *International Family Planning Perspectives*, 31 (2), 63-72.
40. Wilson, D., Mparadzi, A., & Lavelle, S. 1992. An experimental comparison of two AIDS prevention interventions among young Zimbabweans. *The Journal of Social Psychology*, 132 (3), 415-417.

References for studies measuring impact of programmes on sexual behaviour in the USA

1. Aarons, S. J., Jenkins, R. R., Raine, T. R., El-Khorazaty, M. N., Woodward, K. M., Williams, R. L., *et al.* 2000. Postponing sexual intercourse among urban junior high school students: A randomized controlled evaluation. *Journal of Adolescent Health*, 27 (4), 236-247.
2. Blake, S. M., Ledsky, R., Lohrmann, D., Bechhofer, L., Nichols, P., Windsor, R., *et al.* 2000. *Overall and differential impact of an HIV/STD prevention curriculum for adolescents*. Washington, DC: Academy for Educational Development.
3. Borawski, E. A., Trapl, E. S., Goodwin, M., Adams-Tufts, K., Hayman, L., Cole, M. L., *et al.* 2009. *Taking Be Proud! Be Responsible! to the suburbs: A replication study*. Cleveland: Case Western Reserve University School of Medicine.
4. Borawski, E. A., Trapl, E. S., Lovegreen, L. D., Colabianchi, N., & Block, T. 2005. Effectiveness of abstinence-only intervention in middle school teens. *American Journal of Behaviour*, 29 (5), 423-434.
5. Boyer, C., Shafer, M., Shaffer, R., Brodine, S., Pollack, L., Betsinger, K., *et al.* 2005. Evaluation of a cognitive-behavioural, group, randomized controlled intervention trial to prevent sexually transmitted infections and unintended pregnancies in young women. *Preventive Medicine*, 40 (420-431).
6. Boyer, C., Shafer, M., & Tschann, J. 1997. Evaluation of a knowledge - and cognitive - behavioural skills-building intervention to prevent STDs and HIV infection in high school students. *Adolescence*, 32 (125), 25-42.
7. Clark, M. A., Trenholm, C., Devaney, B., Wheeler, J., & Quay, L. 2007. *Impacts of the Heritage Keepers © Life Skills Education component*. Princeton, NJ: Mathematica Policy Research, Inc.
8. Coyle, K., Kirby, D., Marin, B., Gomez, C., & Gregorich, S. 2004. Draw the Line/Respect the Line: A randomized trial of a middle school intervention to reduce sexual risk behaviours. *American Journal of Public Health*, 94(5), 843-851.

9. Coyle, K. K., Basen-Enquist, K. M., Kirby, D. B., Parcel, G. S., Banspach, S. W., Collins, J. L., *et al.* 2001. Safer Choices: Reducing Teen Pregnancy, HIV and STDs. *Public Health Reports*, 1(16), 82-93.
10. Coyle, K. K., Kirby, D. B., Robin, L. E., Banspach, S. W., Baumler, E., & Glassman, J. R. 2006. All4You! A randomized trial of an HIV, other STDs and pregnancy prevention intervention for alternative school students. *AIDS Education and Prevention*, 18 (3), 187-203.
11. Denny, G., & Young, M. 2006. An evaluation of an abstinence-only sex education curriculum: An 18-month follow-up. *Journal of School Health*, 76 (8), 414-422.
12. DiClemente, R. J., Wingood, G. M., Harrington, K. F., Lang, D. L., Davies, S. L., Hook, E. W., III, *et al.* 2004. Efficacy of an HIV prevention intervention for African American adolescent girls: A randomized controlled trial. *Journal of the American Medical Association*, 292 (2), 171-179.
13. Eisen, M., Zellman, G. L., & McAlister, A. L. 1990. Evaluating the impact of a theory-based sexuality and contraceptive education programme. *Family Planning Perspectives*, 22 (6), 261-271.
14. Ekstrand, M. L., Siegel, D. S., Nido, V., Faigles, B., Cummings, G. A., Battle, R., *et al.* 1996. Peer-led AIDS prevention delays onset of sexual activity and changes peer norms among urban junior high school students. *XI International Conference on AIDS*. Vancouver, Canada.
15. Fisher, J., Fisher, W., Bryan, A., & Misovich, S. 2002. Information-motivation-behavioural skills model-based HIV risk behaviour change intervention for inner-city high school youth. *Health Psychology*, 21 (2), 177-186.
16. Gillmore, M. R., Morrison, D. M., Richey, C. A., Balassone, M. L., Gutierrez, L., & Farris, M. 1997. Effects of a skill-based intervention to encourage condom use among high-risk heterosexually active adolescents. *AIDS Prevention and Education*, 9 (Suppl A), 22-43.
17. Gottsegen, E., & Philliber, W. W. 2001. Impact of a sexual responsibility programme on young males. *Adolescence*, 36 (143), 427-433.
18. Howard, M., & McCabe, J. 1990. Helping teenagers postpone sexual involvement. *Family Planning Perspectives*, 22 (1), 21-26.
19. Hubbard, B. M., Giese, M. L., & Rainey, J. 1998. A replication of Reducing the Risk, a theory-based sexuality curriculum for adolescents. *Journal of School Health*, 68 (6), 243-247.
20. Jemmott, J., III. 2005. Effectiveness of an HIV/STD risk-reduction intervention implemented by nongovernmental organizations: A randomized controlled trial among adolescents. *American Psychological Association Annual Conference*. Washington, DC.
21. Jemmott, J., III, Jemmott, L., & Fong, G. 1992. Reductions in HIV risk-associated sexual behaviours among black male adolescents: Effects of an AIDS prevention intervention. *American Journal of Public Health*, 82 (3), 372-377.
22. Jemmott, J., III, Jemmott, L., & Fong, G. 1998. Abstinence and safer sex HIV risk-reduction interventions for African-American adolescents: A randomized controlled trial. *Journal of the American Medical Association*, 279 (19), 1529-1536.
23. Jemmott, J., III, Jemmott, L., Fong, G., & McCaffree, K. 1999. Reducing HIV risk-associated sexual behaviours among African American adolescents: Testing the generality of intervention effects. *American Journal of Community Psychology*, 27 (2), 161-187.
24. Jemmott, J. B., III. 2006. Efficacy of an abstinence-only intervention over 24-months: A randomized controlled trial with young adolescents, *XVI International AIDS Conference*. Toronto, Canada.
25. Kirby, D., Barth, R., Leland, N., & Fetro, J. 1991. Reducing the Risk: Impact of a new curriculum on sexual risk-taking. *Family Planning Perspectives*, 23 (6), 253-263.
26. Kirby, D., Baumler, E., Coyle, K., Basen-Enquist, K., Parcel, G., Harrist, R., *et al.* 2004. The «Safer Choices» intervention: Its impact on the sexual behaviours of different subgroups of high school students. *Journal of Adolescent Health*, 35 (6), 442-452.
27. Kirby, D., Korpi, M., Adivi, C., & Weissman, J. 1997. An impact evaluation of Project SNAPP:

- An AIDS and pregnancy prevention middle school programme. *AIDS Education and Prevention*, 9 (Suppl A), 44-61.
28. Kirby, D., Korpi, M., Barth, R. P., & Cagampang, H. H. 1997. The impact of the Postponing Sexual Involvement curriculum among youths in California. *Family Planning Perspectives*, 29 (3), 100-108.
 29. Koniak-Griffin, D., Lesser, J., Nyamathi, A., Uman, G., Stein, J., & Cumberland, W. 2003. Project CHARM: An HIV prevention programme for adolescent mothers. *Family & Community Health*, 26 (2), 94-107.
 30. LaChausse, R. 2006. Evaluation of the Positive Prevention HIV/STD Curriculum for Students Grades 9-12. *American Journal of Health Education*, 37(4), 203-209.
 31. Levy, S. R., Perhats, C., Weeks, K., Handler, A., Zhu, C., & Flay, B. R. 1995. Impact of a school-based AIDS prevention programme on risk and protective behaviour for newly sexually active students. *Journal of School Health*, 65(4), 145-151.
 32. Lieberman, L. D., Gray, H., Wier, M., Fiorentino, R., & Maloney, P. 2000. Long-term outcomes of an abstinence-based, small-group pregnancy prevention programme in New York City schools. *Family Planning Perspectives*, 32(5), 237-245.
 33. Little, C. B., & Rankin, A. (Unpublished). An evaluation of the Postponing Sexual Involvement curriculum among upstate New York eighth graders. Cortland: State University of New York.
 34. Magura, S., Kang, S., & Shapiro, J. L. 1994. Outcomes of intensive AIDS education for male adolescent drug users in jail. *Journal of Adolescent Health*, 15(6), 457-463.
 35. Main, D. S., Iverson, D. C., McGloin, J., Banspach, S. W., Collins, J., Rugg, D., *et al.* 1994. Preventing HIV infection among adolescents: Evaluation of a school-based education programme. *Preventive Medicine*, 23(4), 409-417.
 36. Middlestadt, S. E., Kaiser, J., Santelli, J. S., Hirsch, L., Simkin, L., Radosh, A., *et al.* (Unpublished). Impact of an HIV/STD prevention intervention on urban middle school students. Washington, DC: Academy of Educational Development.
 37. Morrison, D. M., Hoppe, M. J., Wells, E. A., Beadnell, B. A., Wilsdon, A., Higa, D., *et al.* 2007. Replicating a teen HIV/STD preventive intervention in a multi-cultural city. *AIDS Education and Prevention*, 19(3), 258-273.
 38. Nicholson, H. J., & Postrado, L. T. 1991. *Truth, trust and technology: New research on preventing adolescent pregnancy*. New York: Girls Incorporated.
 39. Rotheram-Borus, M., Gwadz, M., Fernandez, M., & Srinivasan, S. 1998. Timing of HIV interventions on reductions in sexual risk among adolescents. *American Journal of Community Psychology*, 26(1), 73-96.
 40. Rotheram-Borus, M., Song, J., Gwadz, M., Lee, M., Van Rossem, R., & Koopman, C. 2003. Reductions in HIV risk among runaway youth. *Prevention Science*, 4(3), 173-187.
 41. Rue, L. A., & Weed, S. E. 2005. Primary prevention of adolescent sexual risk taking: A school-based model, *Abstinence Education Evaluation Conference: Strengthening Programmes through Scientific Evaluation*. Baltimore, MD: Springer Publishing Company.
 42. Siegel, D., Aten, M., & Enaharo, M. 2001. Long-term effects of a middle school- and high school-based human immunodeficiency virus sexual risk prevention intervention. *Archives of Pediatrics and Adolescent Medicine*, 155(10), 1117-1126.
 43. Siegel, D., DiClemente, R., Durbin, M., Krasnovsky, F., & Saliba, P. 1995. Change in junior high school students' AIDS-related knowledge, misconceptions, attitudes, and HIV-prevention behaviours: Effects of a school-based intervention. *AIDS Education and Prevention*, 7(6), 534-543.
 44. Slonim-Nevo, V., Auslander, W. F., Ozawa, M. N., & Jung, K. G. 1996. The long-term impact of AIDS-preventive interventions for delinquent and abused adolescents. *Adolescence*, 31(122), 409-421.
 45. Smith, P., Weinman, M., & Parrilli, J. 1997. The role of condom motivation education in the reduction of new and reinfection rates of sexually transmitted

- diseases among inner-city female adolescents. *Patient Education and Counseling*, 31, 77-81.
46. St. Lawrence, J., Crosby, R., Belcher, L., Yazdani, N., & Brasfield, T. 1999. Sexual risk reduction and anger management interventions for incarcerated male adolescents: A randomized controlled trial of two interventions. *Journal of Sex Education and Therapy*, 24, 9-17.
 47. St. Lawrence, J., Crosby, R., Brasfield, T., & O'Bannon, R., III. 2002. Reducing STD and HIV risk behaviour of substance-dependent adolescents: A randomized controlled trial. *Journal of Consulting and Clinical Psychology*, 70(4), 1010-1021.
 48. St. Lawrence, J. S., Jefferson, K. W., Alleyne, E., Brasfield, T. L., O'Bannon, R. E., III, & Shirley, A. 1995. Cognitive-behavioural intervention to reduce African American adolescents' risk for HIV infection. *Journal of Consulting and Clinical Psychology*, 63(2), 221-237.
 49. Stanton, B., Guo, J., Cottrell, L., Galbraith, J., Li, X., Gibson, C., et al. 2005. The complex business of adapting effective interventions to new populations, An urban to rural transfer. *Journal of Adolescent Health*, 37(163.e), 17-26.
 50. Stanton, B., Li, X., Ricardo, I., Galbraith, J., Feigelman, S., & Kaljee, L. 1996a. A randomized, controlled effectiveness trial of an AIDS prevention programme for low-income African-American youths. *Archives of Pediatrics & Adolescent Medicine*, 150, 363-372.
 51. Trenholm, C., Devaney, B., Fortson, K., Quay, L., Wheeler, J., & Clark, M. 2007. *Impacts of four Title V, Section 510 abstinence education programmes*. Princeton, NJ: Mathematica Policy Research.
 52. Villarruel, A., Jemmott, J., III, & Jemmott, L. 2006. A randomized controlled trial testing an HIV prevention intervention for Latino youth. *Archives of Pediatrics & Adolescent Medicine*, 160(8), 772-777.
 53. Walter, H. J., & Vaughan, R. D. 1993. AIDS risk reduction among a multi-ethnic sample of urban high school students. *Journal of the American Medical Association*, 270(6), 725-730.
 54. Wang, L. Y., Davis, M., Robin, L., Collins, J., Coyle, K., & Baumler, E. 2000. Economic evaluation of Safer Choices. *Archives of Pediatrics & Adolescent Medicine*, 154(10), 1017-1024.
 55. Weed, S. E., Ericksen, I. H., & Birch, P. J. 2005. *An evaluation of the Heritage Keepers abstinence education programme*. Salt Lake City, UT: Institute for Research and Evaluation.
 56. Weed, S. E., Olsen, J. A., DeGaston, J., & Prigmore, J. 1992. *Predicting and changing teen sexual activity rates: A comparison of three Title XX programmes*. Washington, DC: Office of Adolescent Pregnancy Programmes.
 57. Zimmerman, R., Cupp, P., Hansen, G., Donohew, R., Roberto, A., Abner, E., et al. (forthcoming). The effects of a school-based HIV and pregnancy prevention programme in rural Kentucky. *Journal of School Health*.
 58. Zimmerman, R., Donohew, L., Sionéan, C., Cupp, P., Feist-Price, S., & Helme, D. 2008. Effects of a school-based, theory driven HIV and pregnancy prevention curriculum. *Perspectives on Sexual and Reproductive Health*. 40(1): 42-51

References for studies measuring impact of programmes on sexual behaviour in developed countries other than the USA

1. Caron, F., Godin, G., Otis, J., & Lambert, L. 2004. Evaluation of a theoretically based AIDS/STD peer education programme on postponing sexual intercourse and on condom use among adolescents attending high school. *Health Education Research*, 19(2), 185-197.
2. Diez, E., Juárez, O., Nebot, M., Cerda, N., & Villalbi, J. 2000. Effects on attitudes, knowledge, intentions and behaviour of an AIDS prevention programme targeting secondary school adolescents. *Promotion & Education*, 7(3), 17-22.
3. Goldberg, E., Millson, P., Rivers, S., Manning, S. J., Leslie, K., Read, S., et al. 2009. A human immunodeficiency virus risk reduction intervention for incarcerated youth: A randomized controlled trial. *Journal of Adolescent Health*, 44, 136-145.

4. Henderson, M., Wight, D., Raab, G., Abraham, C., Parkes, A., Scott, S., *et al.* 2007. Impact of a theoretically based sex education programme (SHARE) delivered by teachers on NHS registered conceptions and terminations: Final results of cluster randomized trial. *British Medical Journal*, 334(7585), 133.
5. Kvaalem, I., Sundet, J., Rivø, K., Eilersten, D., & Bakketeig, L. 1996. The effect of sex education on adolescents' use of condoms: Applying the Solomon four-group design. *Health Education Quarterly*, 23(1), 34-47.
6. Mellanby, A., Phelps, F., Crichton, N., & Tripp, J. 1995. School sex education: An experimental programme with educational and medical benefit. *British Medical Journal*, 311, 414-417.
7. Mitchell-DiCenso, A., Thomas, B. H., Devlin, M. C., Goldsmith, C. H., Willan, A., Singer, J., *et al.* 1997. Evaluation of an educational programme to prevent adolescent pregnancy. *Health Education & Behavior*, 24(3), 300-312.
8. Schaalma, H., Kok, G., Bosker, R., Parcel, G., Peters, L., Poelman, J., *et al.* 1996. Planned development and evaluation of AIDS/STD education for secondary school students in the Netherlands: Short-term effects. *Health Education Quarterly*, 23(4), 469-487.
9. Smith, E. A., Palen, L.-A., Caldwell, L. L., Flisher, A. J., Graham, J. W., Mathews, C., *et al.* 2008. Substance use and sexual risk prevention in Cape Town, South Africa: An evaluation of the HealthWise programme. *Prevention Science*, 9(4), 311-321.
10. Stephenson, J. M., Strange, V., Forrest, S., Oakley, A., Copas, A., Allen, E., *et al.* 2004. Pupil-led sex education in England (RIPPLE study): cluster-randomised intervention trial. *Lancet* 364(9431), 338-346.
11. Tucker, J., Fitzmaurice, A. E., Imamura, M., Penfold, S., Penney, G. C., Teijlingen, E. v., *et al.* 2007. The effect of the national demonstration project Healthy Respect on teenage sexual health behaviour. *European Journal of Public Health*, 17(1), 33-41.
12. Wight, D., Raab, G., Henderson, M., Abraham, C., Buston, K., Hart, G., *et al.* 2002. The limits of

teacher-delivered sex education: Interim behavioural outcomes from a randomised trial. *British Medical Journal*, 324, 1430-1433.

General references

Aaro, L. *et al.*, Promoting sexual and reproductive health in early adolescence in South Africa and Tanzania: Development of a theory- and evidence-based intervention programme, *Scandinavian Journal of Public Health* Volume 34 Issue 2 (April 2006), 150-158.

African Youth Alliance. *Improving Health, Improving Lives: The End of Programme Report of the Africa Youth Alliance*, New York, NY: African Youth Alliance, 2007.

Ajuwon, A. J., *Benefits of Sexuality Education for Young People in Nigeria*, Lagos, Nigeria, Africa Regional Sexuality Resource Centre, 2005.

Akoulouze, R., Rugalema, G., Khanye, V. 2001. *Taking Stock of Promising Approaches in HIV/AIDS and Education in Sub-Saharan Africa: What Works, Why and How: A Synthesis of Country Case Studies*. Paris: Association for the Development of Education in Africa (ADEA).

Alford, S. 2008. *Science and Success, Second Edition: Sex Education and Other Programmes that Work to Prevent Teen Pregnancy, HIV and Sexually Transmitted Infections*. Washington DC: Advocates for Youth.

Bakilana, A. *et al.* 2005. *Accelerating the Education Sector Response to HIV/AIDS in Africa: A Review of World Bank Assistance*, Washington, DC: The World Bank Global HIV/AIDS Programme.

Balaji, A. 2008. HIV Prevention Education and HIV-Related Policies in Secondary Schools—Selected Sites, United States, 2006, *Morbidity and Mortality Weekly Report* 57 (30) (August 1), 822-825.

Biddlecom, A. E., Hessburg, L., Singh, S., Bankole, A., Darabi, L. 2007. *Protecting the Next Generation in Sub-Saharan Africa: Learning from Adolescents to Prevent HIV and Unintended Pregnancy*, New York: Guttmacher Institute.

Biddlecom, A., Gregory, R., Lloyd, C. B., Mensch, B. S. 2008. Associations Between Premarital Sex and

- Leaving School in Four Sub-Saharan African Countries. *Studies in Family Planning*, Volume 39(4), 337-350.
- Biddlecom, Ann E. et al. 2007. *Protecting the Next Generation in Sub-Saharan Africa: Learning From Adolescents to Prevent HIV and Unintended Pregnancy*. New York, NY: Guttmacher Institute.
- Birdthistle, I., Vince-Whitman, C. 1998. *Reproductive Health Programmes for Young Adults: School-Based Programmes*. FOCUS on Young Adults Research Series. Washington DC: Pathfinder International.
- Birungi, H., Mugisha, J. F., Nyombi, J. K. 2007. Sexuality of Young people Perinatally Infected With HIV: A Neglected Element in HIV/AIDS programming in Uganda. *Exchange on HIV/AIDS, Sexuality and Gender*, No. 3.
- Bogaarts, Y. 2006. *Comprehensive Sexuality Education and Life Skills Training*, Utrecht: World Population Foundation.
- Boler, T. et al. 2003. *The Sound of Silence: Difficulties in Communicating on HIV/AIDS in Schools: Experiences from India and Kenya*, London: ActionAid.
- Boler, T., Aggleton, P. 2004. *Life Skills-Based Education for HIV Prevention: A Critical Analysis*. London: UK Working Group on Education and HIV/AIDS.
- Boler, T., Archer, D. 2008. *The Politics of Prevention: A Global Crisis in AIDS and Education*. London: Pluto Press.
- Boler, T., Jellema, A. 2005. *Deadly Inertia: A Cross-country Study of Educational Responses to HIV/AIDS*. Brussels: Global Campaign for Education.
- Braeken, D., Rademakers, J., Reinders, J. 2002. *Welcome to the Netherlands: A Journey Through the Dutch Approach to Young People and Sexual Health*. Utrecht, The Netherlands: Youth Incentives.
- Brock, S., Columbia, R. 2007. *A Framework for Integrating Reproductive Health and Family Planning into Youth Development Programmes*, Baltimore, MD: International Youth Foundation.
- Brock, S., Columbia, R. 2007. *Family Planning, HIV/AIDS and STIs, and Gender Matrix: A Tool for Youth Reproductive Health Programming*, Baltimore, MD: International Youth Foundation.
- Caucus for Evidence-Based Prevention. 2008. *Caucus for Evidence-Based Prevention Newsletter*. Issue 11.
- CEDPA. 2001. *Adolescent Girls in India Choose a Better Future: An Impact Assessment*. Washington DC: CEDPA.
- CEDPA. 2006. *Empowering Adolescents in India: The Better Life Options Programme*. Washington, DC: CEDPA.
- CEDPA. 2008. *Building Healthy Futures for Nigeria's Youth: CEDPA's Better Life Options Programme*. Washington DC: CEDPA.
- CEDPA. 2008. *Reaching Out to Young Girls in Southern Africa: Towards a Better Future*. Washington DC: CEDPA.
- Center for Reproductive Rights. 2008. *An International Human Right: Sexuality Education for Adolescents in Schools*. New York: Center for Reproductive Rights.
- Cohen, J., Tate, T. 2005. The Less They Know, the Better: Abstinence-Only HIV/AIDS Programmes in Uganda. *Human Rights Watch*, 17(4).
- Constantine, N. A. 2008. Converging Evidence Leaves Policy Behind: Sex Education in the United States. *Journal of Adolescent Health*, 42(4), 324-326.
- Creech, H. 2005. *The Terminology of Knowledge for Sustainable Development: Information, Knowledge, Collaboration and Communications*. Winnipeg: International Institute for Sustainable Development.
- Dixon-Mueller, R. 2008. How Young is "Too Young"? Comparative Perspectives on Adolescent Sexual, Marital, and Reproductive Transitions. *Studies in Family Planning*, 39(4), 247-262.
- Eggleston, E. et al. 2000. Evaluation of a Sexuality Education Programme for Young Adolescents in Jamaica. *Pan American Journal of Public Health*, 7.2: 102-112.

- FHI. 2000. *Sex Education Helps Prepare Young Adults*. Washington DC: Family Health International.
- FHI. 2002. *Behaviour Change: A Summary of Four Major Theories*. Washington DC: Family Health International/AIDSCAP.
- FHI. 2003. *HIV Prevention for Young People in Developing Countries: Report of a Technical Meeting*. Washington DC: Family Health International.
- FHI. 2004. *Behaviour Change Communication for HIV/AIDS: A Strategic Framework*. Washington DC: Family Health International.
- FHI. 2006. *YouthNet End of Programme Report: Taking Action: Recommendations and Resources*, Arlington, VA: Family Health International.
- FHI. 2007. *Community Involvement in Youth Reproductive Health and HIV Prevention*. Washington DC: Family Health International.
- FHI. 2007. *Helping Parents to Improve Adolescent Health*. Washington DC: Family Health International.
- FHI. 2007. *Integrating Reproductive Health and HIV Services for Youth*, Washington DC: Family Health International.
- FHI. 2007. *Scaling Up Youth Reproductive Health and HIV Prevention Programmes*. Washington DC: Family Health International.
- FHI. 2007. *School-Based Reproductive Health and HIV Education Programmes: An Effective Intervention*. *YouthLens on Reproductive Health and HIV/AIDS* No. 20. Washington DC: Interagency Youth Working Group.
- FHI. 2007. *Youth Peer Education*, Durham, NC: Youth Lens and Family Health International, September 2007.
- Fisher, J., McTaggart, J. 2008. *Review of Sex and Relationship Education (SRE) in Schools*. London: Department for Children, Schools and Families External Steering Group.
- Gachuhi, D. 1999. *The Impact of HIV/AIDS on Education Systems in the Eastern and Southern Africa Region and the Response of Education Systems to HIV/AIDS: Life Skills Programmes*. New York: UNICEF.
- Global HIV Prevention Working Group. 2007. *Bringing HIV Prevention Up To Scale: An Urgent Global Priority*. Seattle: Global HIV Prevention Working Group.
- Global HIV Prevention Working Group. 2008. *Behaviour Change and HIV Prevention: (Re) Considerations for the 21st Century*. Seattle: Global HIV Prevention Working Group.
- Gordon, P. 2007. *Review of Sex, Relationship and HIV Education in Schools*. Paris: UNESCO.
- Grunseit, A. et al. 1997. Sexuality Education and Young People's Sexual Behaviour. *Journal of Adolescent Research*, 12(4), 421-453.
- Grunseit, A. 1997. *Impact of HIV and Sexual Health Education on the Sexual Behaviour of Youth People: A Review Update*. Geneva: UNAIDS.
- Harrison, A., Cleland, J., Frohlich, J. 2008. Young People's Sexual Partnerships in KwaZulu-Natal, South Africa: Patterns, Contextual Influences, and HIV Risk. *Studies in Family Planning*, 39(4), 295-308.
- Hillier, L., Mitchell, A. 2008. It Was As Useful as a Chocolate Kettle': Sex Education in the Lives of Same Sex Attracted Young People in Australia. *Sex Education*, 8(2), 211-224.
- Horton, Richard and Das, Pam, *Putting Prevention at the Forefront of HIV/AIDS*, *The Lancet* Vol. 372 No. 9637 (August 9, 2008), 421-422.
- International Federation of Red Cross and Red Crescent Societies. 2008. *World Disasters Report 2008*. Geneva: International Federation of Red Cross and Red Crescent Societies.
- IPPF. 2002. *Spotlight on HIV/AIDS/STIs: Integration of HIV/STI Prevention into SRH Services*. New York: International Planned Parenthood Federation Western Hemisphere Region.
- IPPF. 2004. *Sex and the Hemisphere: The Millennium Development Goals and Sexual and Reproductive Health in Latin America and the Caribbean*. New York: International Planned Parenthood Federation Western Hemisphere Region.
- IPPF. 2008. *Effective Strategies in Sexual and Reproductive Health Programmes for Young People*.

New York: International Planned Parenthood Federation Western Hemisphere Region.

IPPF. 2008. *Medical Bulletin*, 42(1). London: International Planned Parenthood Federation.

IPPF. 2008. *Sexual Rights, An IPPF Declaration*. London: International Planned Parenthood Federation.

Irvin, A. 2004. *Positively Informed: Lesson Plans and Guidance for Sexuality Educators and Advocates*. New York: International Women's Health Coalition.

IWHC. 2007. *Young Adolescents' Sexual and Reproductive Health and Rights: Sub-Saharan Africa*. New York: International Women's Health Coalition.

James-Traore, T. 2001. *Developmentally Based Interventions and Strategies: Promoting Reproductive Health and Reducing Risk Among Adolescents*. Washington DC: Focus on Young Adults.

James-Traore, T., Finger, W., Daileader Ruland, C., Savariaud, S. 2004. *Teacher Training: Essential for School-Based Reproductive Health and HIV/AIDS Education: Focus on Sub-Saharan Africa*. Washington, DC: Family Health International.

Jewkes, R. et al. 2007. *Evaluation of Stepping Stones: A Gender Transformative HIV Prevention Intervention*. Cape Town: Medical Research Council of South Africa.

Juárez, F., LeGrand, T., Lloyd, C. B., Singh, S. 2008. Introduction to the Special Issue on Adolescent Sexual and Reproductive Health in Sub-Saharan Africa. *Studies in Family Planning*, 39(4), 239-244.

Kirby, D., The Impact of Abstinence and Comprehensive Sex and STD/HIV Education Programmes on Adolescent Sexual Behaviour, *Sexuality Research and Social Policy* Vol. 5, No. 3 (September 2008), 18-27.

Kirby, D., Obasi, A., Laris, B. 2006. *The Effectiveness of Sex Education and HIV Interventions in Schools in Developing Countries, Preventing HIV/AIDS in Young People: A Systemic Review of the Evidence from Developing Countries*, Geneva: World Health Organization.

Kirby, D., Roller, L. 2005. *Impact of Sex and HIV Education Programmes on Sexual Behaviours of Youth*

in Developing and Developed Countries. Washington DC: Family Health International.

Kirby, D., Roller, L., Wilson, M. M. 2007. *Tool to Assess the Characteristics of Effective Sex and STD/HIV Education Programmes*. Washington DC: Healthy Teen Network.

Kohler, P., Manhart, L., Lefferty, W. 2008. Abstinence-Only and Comprehensive Sex Education and the Initiation of Sexual Activity and Teen Pregnancy. *Journal of Adolescent Health*, 42(4), 344-351.

Leerlooijer, J. 2006. *Evidence-based Planning and Support Tool for SRHS/HIV-Prevention Interventions for Young People*. Amsterdam: Stop AIDS Now! and World Population Foundation.

Lewis, A.Y., Ragoonanan, S., Saint-Victor, R. 1984. *Teaching Human Sexuality in Caribbean Schools: A Teacher's Handbook*. New York: International Planned Parenthood Federation Western Hemisphere Region.

Lloyd, C. B. 2007. *The Role of Schools in Promoting Sexual and Reproductive Health Among Adolescents in Developing Countries*. Poverty, Gender and Youth Working Paper No. 6. New York: Population Council.

Macintyre, K. et al. 2000. *Assessment of Life Skills Programmes: A Study of Secondary Schools in Durban Metro and Mtunzini Magisterial District*. Durban: University of Natal, Tulane University and the Population Council.

Makokha, M. 2008. *What MEMA kwa Vijana has to offer the education sector AIDS response in Tanzania: A Comparative Review*. Mwanza: National Institute of Medical Research and Liverpool School of Tropical Medicine.

Malambo, R. 2002. Teach Them While They Are Young, They Will Live to Remember: The Views of Teachers and Pupils on the Teaching of HIV/AIDS in Basic Education: A Case Study of Zambia's Lusaka and Southern Provinces. *Current Issues in Comparative Education*, 3(1), 39-51.

Meekers, D., Ghyasuddin, A. 1997. *Adolescent Sexuality in Southern Africa: Cultural Norms and Contemporary Behaviour*. Paper presented at XXIII IUSSP General Population Conference in Beijing, China, October 11-17.

- Munishi, G. 2006. *Challenges and opportunities for MkV2 integration into the National Level Policy Process: A National Level Policy Study*. Mwanza: National Institute of Medical Research and Liverpool School of Tropical Medicine.
- Njue, C., Nzioka, C., Ahlberg, B., Pertet, A.M., Voeten, H. 2009. "If you don't Abstain, You will die of AIDS": AIDS education in Kenyan Public Schools. *AIDS Education and Prevention*, 21 (2), 169-79.
- Ofsted. 2002. *Sex and Relationships: A Report from the Office of Her Majesty's Chief Inspector of Schools*. London: Office for Standards in Education.
- Oyeledun, B. et al. 1999. *Time for Action: Report of the National Conference on Adolescent Reproductive Health in Nigeria*. Abuja: Nigerian Federal Ministry of Health.
- Palitza, K. 2007. *Flunking Life: HIV Lessons Learnt But Not Lived in South Africa*. Lusaka: PANOS Southern Africa.
- Parker, W. et al. 2007. *Concurrent Sexual Partnerships Amongst Young Adults in South Africa: Challenges for HIV Prevention Communication*. Johannesburg: Centre for AIDS Development, Research and Evaluation (CADRE).
- PATH and Save the Children. 2003. *A Guide to Developing Materials on HIV/AIDS and STIs*. Seattle: PATH and Save the Children.
- Paul-Ebhohimhen, V.A., Poobalan, A., van Teijlingen, E.R. 2008. Systematic Review of Effectiveness of School-based Sexual Health Interventions in sub-Saharan Africa. *BMC Public Health*, 8(4).
- Paulussen, T.G.W. 1994. *Adoption and Implementation of AIDS Education in Dutch Secondary Schools*. Dissertation, Utrecht: Landelijk Centrum GVO.
- Pettifor, A. E. et al. 2008. Keep them in school: the Importance of Education as a Protective Factor Against HIV Infection Among Young South African Women. *International Journal of Epidemiology*, 37(6), 1266-1273.
- Pick, S. et al. 2007. Communication as a Protective Factor: Evaluation of a Life Skills HIV/AIDS Prevention Programme for Mexican Elementary-School Students. *AIDS Education and Prevention*, 19(5), 408-421.
- Pillay, Y., Flisher, A. 2008. *Public Policy: A Tool to Promote Adolescent Sexual and Reproductive Health, in Promoting Adolescent Sexual and Reproductive Health in East and Southern Africa*. Stockholm: Nordiska Afrikainstitute or Capetown: HSRC Press.
- Piot, P. et al. 2008. Coming to Terms with Complexity: A Call to Action for HIV Prevention. *The Lancet*, 372(9641), 845-859.
- Population Council. 2004. *Transitions to Adulthood in the Context of AIDS in South Africa: The Impact of Exposure to Life Skills Education on Adolescent Knowledge, Skills, and Behaviour*. Horizons Final Report. Washington DC: Population Council.
- Porter, K. A., Mutunga, P., Stewart, J. 2007. Life Skills, Sexual Maturation and Sanitation: What's (Not) Happening in Our School. *African Studies Review*, April.
- Ramonotsi, M. 2007. *Failing Grades: Thousands of Children Lack AIDS Education in Lesotho*. Lusaka: PANOS Southern Africa.
- Reedy, P. et al. 2003. *Programmement for HIV Prevention in South African Schools*. Horizons Research Summary. Washington DC: Population Council.
- Reinders, J. 2007. *HIV/AIDS Prevention as Part of Comprehensive Sexuality Education: The Need to Address Sexuality in Schools and Integrate Vertical Programmes*. Utrecht: World Population Foundation.
- Reinders, J. 2007. *SRH&R Education for Young People Coping with Opposition: Lessons Learned from South Africa, Uganda, Kenya, Tanzania, Vietnam, Indonesia, Thailand and India*. Utrecht: World Population Foundation.
- Reinders, J., et al. 2002. *Systematic Development of a Curriculum on Sexual Health and AIDS Prevention for Vietnamese Re-education Schools*. Hanoi: Ministry of Education Viet Nam.
- Reinders, J., et al. 2006. *Acknowledging Young People's Sexuality and Rights: Computer-Based Sexuality and Life Skills Education in Uganda, Kenya, Indonesia and Thailand*. Utrecht: World Population Foundation.
- Renju, J., Bahati, A., Lemmy, M. 2008. *A Study Assessing the Integration of an Innovative Adolescent Sexual and Reproductive Health Programme into*

Existing Local Government Structures. Mwanza: National Institute for Medical Research and Liverpool School of Tropical Medicine.

Renju, J., Haule, B. 2006. *Review of the National Multisectorial Strategic framework in District supported to implement the MEMA kwa Vijana intervention.* Mwanza: National Institute for Medical Research and Liverpool School of Tropical Medicine.

Rosen, J. E., Murray, N. J., Moreland, S. 2004. *Sexuality Education in Schools: The International Experience and Implications for Nigeria.* POLICY Working Paper Series No. 12. Washington, DC: Futures Group International.

Ross, D., Dick, B., Ferguson, J. 2006. *Preventing HIV/AIDS in Young People: A Systematic Review of the Evidence from Developing Countries.* Geneva: WHO.

Santelli, J., Kantor, L. 2008. *Introduction to Special Issue: Human Rights, Cultural and Scientific Aspects of Abstinence-Only Policies and Programmes.* Sexuality Research and Social Policy, 5(3), 1-5.

Save the Children and the Swedish Association for Sexuality Education. 2007. *Tell Me More! Children's Rights and Sexuality in the Context of HIV/AIDS in Africa.* Stockholm: Save the Children and the Swedish Association for Sexuality Education.

Schaalma, H. 2004. When the Researchers Have Gone Home to Write their Articles: Diffusion and Implementation of School-Based HIV-Prevention Programmes in Tanzania. *East African Journal of Public Health*, 1(1), 23-31.

Schenker, I., Nyirenda, J. 2002. *Preventing HIV/AIDS in Schools.* Geneva: UNESCO International Bureau of Education.

Senderowitz, J. 2004. *Partnering With African Youth: Pathfinder International and The African Youth Alliance Experience.* Watertown: Pathfinder International and African Youth Alliance.

Singh, S., Bankole, A., Woog, V. 2005. Evaluating the Need for Sex Education in Developing Countries: Sexual Behaviour, Knowledge of Preventing Sexually Transmitted Infections/HIV and Unplanned Pregnancy. *Sex Education*, 5(4), 307-331.

Smith, G., Kippax, S., Aggleton, P. 2000. *HIV and Sexual Health Education in Primary and Secondary*

Schools: Findings from Selected Asia-Pacific Countries. Sydney: National Centre in HIV Social Research.

Smith, R. et al. 2007. *The Link Between Health, Social Issue, and Secondary Education: Life Skills, Health and Civic Education.* World Bank Working Paper No. 100. Washington, DC: World Bank.

Southern African Development Community (SADC). 2005. *Framework for Coordinating the National HIV and AIDS Response in the SADC Region.* Gaborone: SADC HIV and AIDS Unit.

Stewart, H. 2001. *Reducing HIV Infection Among Youth: What Can Schools Do? New Baseline Findings from Mexico, Thailand, and South Africa.* New York: Population Council.

Streuli, N., Moleni, C. 2008. *Education and HIV and AIDS in Malawi: The Role of Open, Distance and Flexible Learning.* SOFIE Opening Up Access Series No. 3. London: SOFIE.

Swart-Kruger, J., Richter, L. 1997. AIDS-related Knowledge, Attitudes and Behaviour Among South African Street Youth: Reflections on Power, Sexuality and the Autonomous Self. *Social Science and Medicine*, 45(6), 957-966.

Trang, D. T. K. et al. 2006. *Behaviour Change Communications Strategy to Improve Reproductive Health for Adolescents and Youth: Reproductive Health Initiative for Youth in Asia.* Hanoi: Viet Nam Central Youth Union.

UNAIDS Inter-Agency Task Team (IATT) on Education, *Education Sector Global HIV & AIDS Readiness Survey 2004: Policy Implications for Education & Development*, Paris: UNESCO, 2006.

UN. 2001. *Preventing HIV/AIDS Among Young People.* United Nations General Assembly Special Session on HIV/AIDS. New York: United Nations.

UN. 2004. *Facing the Future Together: Swaziland.* New York: United Nations Secretary-General's Task Force on Women, Girls and HIV/AIDS in Southern Africa.

UN. 2006. *UN Declaration of Commitment on HIV/AIDS: Five Years Later.* Report of the Secretary General. New York: United Nations.

UN. 2008. *Securing Our Future*. New York: United Nations Commission on HIV/AIDS and Governance in Africa.

UNAIDS Inter-Agency Task Team (IATT) on Education. 2006. *Girls' Education and HIV Prevention*. Paris: UNESCO.

UNAIDS Inter-Agency Task Team (IATT) on Education. 2006. *Quality Education and HIV & AIDS*. Paris: UNESCO.

UNAIDS Inter-Agency Task Team (IATT) on Education. 2008. *Improving the Education Response to HIV and AIDS: Lessons of Partner Efforts in Coordination, Harmonisation, Alignment, Information Sharing and Monitoring in Jamaica, Kenya, Thailand and Zambia*. Paris: UNESCO.

UNAIDS Inter-Agency Task Team (IATT) on Education. 2008. *Mainstreaming HIV in Education: Guidelines for Development Cooperation Agencies*. Paris: UNESCO.

UNAIDS Inter-Agency Task Team (IATT) on Education. 2009. *A Strategic Approach: HIV & AIDS and Education*. Paris: UNESCO.

UNAIDS Inter-Agency Task Team (IATT) on HIV and Young people. 2008. *Global Guidance Briefs. HIV Interventions for Young People*. UNFPA: New York.

UNAIDS Inter-Agency Task Team for Education Working Group to Accelerate the Education Sector response to HIV/AIDS. 2003. *The HIV/AIDS Response by the Education Sector: A Checklist*. Washington DC: World Bank.

UNAIDS Inter-Agency Working Group. 1997. *Integrating HIV/STD Prevention in the School Setting*. Geneva: UNAIDS Inter-Agency Working Group.

UNAIDS. 1997. *Learning and Teaching about AIDS at School: UNAIDS Technical Update*. Geneva: UNAIDS.

UNAIDS. 2004. *At the Crossroads: Accelerating Youth Access to HIV/AIDS Interventions*. New York: UNAIDS Inter-agency Task Team on Young People.

UNAIDS. 2005. *Intensifying HIV Prevention: A UNAIDS Position Paper*. Geneva: UNAIDS.

UNAIDS. 2008. *2008 Report On the Global AIDS Epidemic*. Geneva: UNAIDS.

UNESCO Bangkok and UNESCO IBE. 2007. *Sub-Regional Capacity-Building Seminar for HIV and AIDS Curriculum Development in Six Countries in the Asia Pacifica Region: Scaling up HIV and AIDS Education in Schools*. Bangkok: UNESCO and UNESCO International Bureau of Education.

UNESCO International Bureau of Education (IBE). 2005. *Assessment of Curriculum Responses in 35 Countries for the EFA Global Monitoring Report 2005*. Geneva: UNESCO IBE.

UNESCO International Bureau of Education (IBE). 2005. *HIV and AIDS and Quality Education for All Youth*. Geneva: UNESCO IBE.

UNESCO. 2001. *HIV/AIDS and Human Rights: Young People in Action: A Kit of Ideas for Youth Organizations*. Paris: UNESCO and UNAIDS.

UNESCO. 2007. *Supporting HIV-Positive Teachers in East and Southern Africa: Technical Consultation Report*, 30 November – 1 December 2006, Nairobi, Kenya. Paris: UNESCO and Education International-EFAIDS.

UNESCO. 2007. *UNESCO's Strategy for Responding to HIV and AIDS*. Paris: UNESCO.

UNESCO. 2008. *EDUCAIDS Framework for Action*. Paris: UNESCO.

UNESCO. 2008. *EDUCAIDS Overviews*. Paris: UNESCO.

UNESCO. 2008. *EDUCAIDS Technical Briefs*. Paris: UNESCO.

UNESCO. 2008. *School-Centered HIV and AIDS Care and Support in Southern Africa: Technical Consultation Report*, 22-24 May 2008, Gaborone, Botswana. Paris: UNESCO.

UNFPA. 2003. *Education is Empowerment: Promoting Goals in Population, Reproductive Health and Gender*. New York: UNFPA.

UNFPA. 2006. *Ending Violence Against Women: Programming for Prevention, Protection and Care*. New York: UNFPA.

UNFPA. 2006. *UNFPA Support to Population and Sexuality Education in the Formal and Non-formal Education Systems: Review in Africa*. Unpublished Study. New York: UNFPA.

UNICEF. 2002. *Lessons Learned About Life Skills-Based Education for Preventing HIV/AIDS Related Risk and Related Discrimination*. New York: UNICEF.

UNICEF. 2007. *Accelerating Education's Response to HIV and AIDS: Contributing to a better future for children in Africa*. New York: UNICEF.

USAID Inter-Agency Working Group (IAWG) on the Role of Community Involvement in ASRH. 2007. *Community Pathways to Improved Adolescent Sexual and Reproductive Health: A Conceptual Framework and Suggested Outcome Indicators*. Washington, DC: IAWG on the Role of Community Involvement in ASRH.

USAID. 2002. *Tips for Developing Life Skills Curricula for HIV Prevention Among African Youth: A Synthesis of Emerging Lessons*. Technical Paper No. 115. Washington DC: USAID.

Visser-Valfrey, M. 2005. *Addressing HIV/AIDS in Education: A Survey of Field Staff of the Netherlands Ministry of Foreign Affairs*. Amsterdam: The Netherlands Ministry of Foreign Affairs.

World Association for Sexual Health (WAS). 2008. *Sexual Health for the Millennium: A Declaration and Technical Document*. Minneapolis: World Association for Sexual Health.

World Bank. 2003. *Education and HIV/AIDS: A Sourcebook of HIV/AIDS Prevention Programmes*. Washington, DC: World Bank.

WPF. 2004. *AIDS, Sex & Reproduction: Integrating HIV/AIDS and Sexual and Reproductive Health into Policies, Programmes and Services*. Amsterdam: Share-net, Stop AIDS Now and the World Population Fund.

WPF. 2006. *Openness About Sexuality Important for People and Societies*, Paper from the International Conference on *What About Sex?* March 6-7. Amsterdam: Youth Incentives and the World Population Fund.

WPF. 2006. *Sexuality Education*. Utrecht: World Population Foundation.

WPF. 2008. *Evidence- and Rights-Based Planning and Support Tool for SRHR/HIV Preventions for Young People*. Amsterdam: Stop AIDS Now, World Population Foundation and Maastricht University.

Yankah, E., Aggleton, P. 2008. Effects and Effectiveness of Life Skills Education for HIV Education in Young People. *AIDS Education and Prevention*, 20(6), 465-485.

Photo Credits:

Cover photo

© 2000 Rick Maiman/David and Lucile Packard Foundation, Courtesy of Photoshare

© 2009 UNAIDS/O.O'Hanlon

© 2006 Basil A. Safi/CCP, Courtesy of Photoshare

© 2006 UNAIDS/G. Pirozzi.

p.1 © 2006 UNAIDS/G. Pirozzi.

p.5 © 2004 Ian Oliver/SFL/Grassroot Soccer, Courtesy of Photoshare

p.7 © 2008 Jacob Simkin, Courtesy of Photoshare

p.19 © UNAIDS/L. Taylor

p.12 © 2005 Aimee Centivany, Courtesy of Photoshare

p.17 © 2006 Rose Reis, Courtesy of Photoshare

p.23 © 2006 Scott Fenwick, Courtesy of Photoshare

p.29 © 2007 Bangladesh Center for Communication Programs, Courtesy of Photoshare

Based on a rigorous and current review of evidence on sexuality education programmes, this *International Technical Guidance on Sexuality Education* is aimed at education and health sector decision-makers and professionals. It has been produced to assist education, health and other relevant authorities in the development and implementation of school-based sexuality education programmes and materials. *Volume I* focuses on the rationale for sexuality education and provides sound technical advice on characteristics of effective programmes. A companion document, (*Volume II*) focuses on the topics and learning objectives to be covered in a 'basic minimum package' on sexuality education for children and young people from 5 to 18+ years of age and includes a bibliography of useful resources. The *International Technical Guidance* is relevant not only to those countries most affected by HIV and AIDS, but also to those facing low prevalence and concentrated epidemics.

Section on HIV and AIDS
Division for the Coordination of UN Priorities in Education
Education Sector
UNESCO
7, place de Fontenoy
75352 Paris 07 SP, France
Website: www.unesco.org/aids
Email: aids@unesco.org



United Nations
Educational, Scientific and
Cultural Organization

Volume II Topics and learning objectives

International Technical Guidance on Sexuality Education

An evidence-informed approach for schools,
teachers and health educators



UNAIDS
JOINT UNITED NATIONS PROGRAMME ON HIV/AIDS

UNHCR
UNICEF
WFP
UNDP
UNFPA
UNODC
ILO
UNESCO
WHO
WORLD BANK

International Technical Guidance on Sexuality Education

**An evidence-informed approach for schools,
teachers and health educators**

December 2009

The designations employed and the presentation of materials throughout this document do not imply the expression of any opinion whatsoever on the part of UNESCO concerning the legal status of any country, territory, city or area or its authorities, or concerning its frontiers and boundaries.

Published by UNESCO

© UNESCO 2009

Section on HIV and AIDS
Division for the Coordination of UN Priorities in Education
Education Sector
UNESCO
7, place de Fontenoy
75352 Paris 07 SP, France
Website: www.unesco.org/aids
Email: aids@unesco.org

Composed and printed by UNESCO
ED-2009/WS/36 REV2 (CLD 3528.9)

Acknowledgements

This *International Technical Guidance on Sexuality Education* was commissioned by the United Nations Educational, Scientific and Cultural Organization (UNESCO). Its preparation, under the overall guidance of Mark Richmond, UNESCO Global Coordinator for HIV and AIDS, was organized by Chris Castle, Ekua Yankah and Dhianaraj Chetty in the Section on HIV and AIDS, Division for the Coordination of UN Priorities in Education at UNESCO.

Nanette Ecker, former Director of International Education and Training at the Sexuality Information and Education Council of the United States (SIECUS) and Douglas Kirby, Senior Scientist at ETR (Education, Training, Research) Associates, were contributing authors of this document. Peter Gordon, independent consultant, edited various drafts.

UNESCO would like to thank the William and Flora Hewlett Foundation for hosting the global technical consultation that contributed to the development of the guidance. The organizers would also like to express their gratitude to all of those who participated in the consultation, which took place from 18-19 February 2009 in Menlo Park, USA (in alphabetical order):

Prateek Awasthi, UNFPA; Arvin Bhana, Human Sciences Research Council (South Africa); Chris Castle, UNESCO; Dhianaraj Chetty, formerly ActionAid; Esther Corona, Mexican Association for Sex Education and World Association for Sexual Health; Mary Guinn Delaney, UNESCO; Nanette Ecker, SIECUS; Nike Esiet, Action Health, Inc. (AHI); Peter Gordon, independent consultant; Christopher Graham, Ministry of Education, Jamaica; Nicole Haberland, Population Council/USA; Sam Kalibala, Population Council/Kenya; Douglas Kirby, ETR Associates; Malika Ladjali, University of Algiers; Wenli Liu, Beijing Normal University; Elliot Marseille, Health Strategies International; Helen Omondi Mondoh, Egerton University; Prabha Nagaraja, Talking about Reproductive and Sexual Health Issues (TARSHI); Hans Olsson, The Swedish Association for Sexuality Education; Grace Osakue, Girls' Power Initiative (GPI) Nigeria; Jo Reinders, World Population Foundation (WPF); Sara Seims, the William and Flora Hewlett Foundation; and Ekua Yankah, UNESCO.

Written comments and contributions were also gratefully received from (in alphabetical order):

Peter Aggleton, Institute of Education at the University of London; Vicky Anning, independent consultant; Andrew Ball, World Health Organization (WHO); Prateek Awasthi, UNFPA; Tanya Baker, Youth Coalition for Sexual and Reproductive Rights; Michael Bartos, UNAIDS; Tania Boler, Marie Stopes International and formerly with UNESCO; Jeffrey Buchanan, formerly with UNESCO; Chris Castle, UNESCO; Katie Chau, Youth Coalition for Sexual and Reproductive Rights; Judith Cornell, UNESCO; Anton De Grauwe, UNESCO International Institute for Educational Planning (IIEP); Jan De Lind Van Wijngaarden, UNESCO; Marta Encinas-Martin, UNESCO; Jane Ferguson, WHO; Claudia Garcia-Moreno, WHO; Dakmara Georgescu, UNESCO International Bureau of Education (IBE); Cynthia Guttman, UNESCO; Anna Maria Hoffmann, United Nations Children's Fund (UNICEF); Roger Ingham, University of Southampton; Sarah Karmin, UNICEF; Eszter Kismodi, WHO; Els Klinkert, UNAIDS; Jimmy Kolker, UNICEF; Steve Kraus, UNFPA; Changu Mannathoko, UNICEF; Rafael Mazin, Pan American Health Organization (PAHO); Maria Eugenia Miranda, Youth Coalition for Sexual and Reproductive Rights; Jean O'Sullivan, UNESCO; Mary Otieno, UNFPA; Jenny Renju, Liverpool School of Tropical Medicine & National Institute for Medical Research; Mark Richmond, UNESCO; Pierre Robert, UNICEF; Justine Sass, UNESCO; Iqbal H. Shah, WHO; Shyam Thapa, WHO; Barbara Tournier, UNESCO IIEP; Friedl Van den Bossche, formerly UNESCO; Diane Widdus, UNICEF; Arne Willems, UNESCO; Ekua Yankah, UNESCO; and Barbara de Zalduondo, UNAIDS.

UNESCO would like to acknowledge Masimba Biriwasha, UNESCO; Sandrine Bonnet, UNESCO IBE; Claire Cazeneuve, UNESCO IBE; Claire Greslé-Favier, WHO; Magali Moreira, UNESCO IBE; and Lynne Sergeant, UNESCO IIEP for their contributions to the bibliography of resources. Finally, thanks are offered to Vicky Anning who provided editorial support, Aurélia Mazoyer and Myriam Bouarour who undertook the design and layout, and Schéhérazade Feddal who provided liaison support for the production of this document.

Acronyms

AIDS	Acquired Immune Deficiency Syndrome
ART	Anti-retroviral Therapy
CEDAW	Convention on the Elimination of All Forms of Discrimination against Women
CRC	Convention on the Rights of the Child
EFA	Education for All
ETR	Education, Training and Research
FHI	Family Health International
FGC	Female Genital Cutting
FGM	Female Genital Mutilation
FWCW	Fourth World Conference on Women
HIV	Human Immunodeficiency Virus
HPV	Human Papilloma Virus
IATT	Inter-Agency Task Team
IBE	International Bureau of Education (UNESCO)
ICPD	International Conference on Population and Development
IIEP	International Institute for Educational Planning (UNESCO)
IPPF	International Planned Parenthood Federation
MDG	Millennium Development Goal
MoE	Ministry of Education
MoH	Ministry of Health
NGO	Non-Governmental Organization
PEP	Post-exposure prophylaxis
PFA	Platform for Action
POA	Programme of Action
SIECUS	Sexuality Information and Education Council of the United States
SRE	Sex and relationships education
SRH	Sexual and reproductive health
SRHR	Sexual and reproductive health and rights
STD	Sexually transmitted disease
STI	Sexually transmitted infection
UN	United Nations
UNAIDS	Joint United Nations Programme on HIV/AIDS
UNESCO	United Nations Educational, Scientific and Cultural Organization
UNFPA	United Nations Population Fund
UNICEF	United Nations Children's Fund
VCT	Voluntary Counselling and Testing (for HIV)
WHO	World Health Organization

Table of Contents

Acknowledgements	iii
Acronyms	iv
Topics and learning objectives	1
1. Introduction	2
2. Age range	4
3. Components of learning	5
4. Stand-alone or integrated programmes	5
5. Structure	6
6. Overview of key concepts and topics	7
7. Tables of learning objectives	8
References	34
Appendices	37
I. International conventions and agreements relating to sexuality education	38
II. Interview schedule and methodology	42
III. People contacted and key informant details	44
IV. List of participants in the UNESCO global technical consultation on sexuality education	45
V. Bibliography of resources	47



Topics and learning objectives

1. Introduction

What is sexuality education and why is it important?

Few young people receive adequate preparation for their sexual lives. This leaves them potentially vulnerable to coercion, abuse and exploitation, unintended pregnancy and sexually transmitted infections (STIs), including HIV. Many young people approach adulthood faced with conflicting and confusing messages about sexuality and gender. This is often exacerbated by embarrassment, silence and disapproval of open discussion of sexual matters by adults, including parents and teachers, at the very time when it is most needed. There are many settings globally where young people are becoming sexually mature and active at an earlier age. They are also marrying later, thereby extending the period of time from sexual maturity until marriage.

Countries are increasingly signalling the importance of equipping young people with knowledge and skills to make responsible choices in their lives, particularly in a context where they have greater exposure to sexually explicit material through the Internet and other media. There is an urgent need to address the gap in knowledge about HIV among young people aged 15-24, with 60 per cent in this age range not able to correctly identify the ways of preventing HIV transmission (UNAIDS, 2008). A growing number of countries have implemented or are scaling up sexuality education¹ programmes, including China, Kenya, Lebanon, Nigeria and Viet Nam, a trend confirmed by the ministers of education and health from countries in Latin America and the Caribbean at a summit held in July 2008. These efforts recognise that all young people need sexuality education, and that some are living with HIV or are more vulnerable to HIV infection than others, particularly adolescent girls married as children, those who are already sexually active, and those with disabilities.

Effective sexuality education can provide young people with age-appropriate, culturally relevant and scientifically accurate information. It includes structured opportunities for young people to explore their attitudes and values, and to practise the decision-making and other life skills they will need to be able to make informed choices about their sexual lives.

Effective sexuality education is a vital part of HIV prevention and is also critical to achieving Universal Access targets for reproductive health and HIV prevention, treatment, care and support (UNAIDS, 2006). While it is not realistic to expect that an education programme alone can eliminate the risk of HIV and other STIs, unintended pregnancy, coercive or abusive sexual activity and exploitation, properly designed and implemented programmes can reduce some of these risks and underlying vulnerabilities.

Effective sexuality education is important because of the impact of cultural values and religious beliefs on all individuals, and especially on young people, in their understanding of this issue and in managing relationships with their parents, teachers, other adults and their communities.

School settings provide an important opportunity to reach large numbers of young people with sexuality education before they become sexually active, as well as offering an appropriate structure (i.e. the formal curriculum) within which to do so.

¹ Sexuality Education is defined as an age-appropriate, culturally relevant approach to teaching about sex and relationships by providing scientifically accurate, realistic, non-judgmental information. Sexuality Education provides opportunities to explore one's own values and attitudes and to build decision-making, communication and risk reduction skills about many aspects of sexuality. The evidence review in Volume 1 section 4 of this document refers to this definition as the criterion for the inclusion of studies for the evidence review.

Basic minimum package for a sexuality education programme

The *International Technical Guidance on Sexuality Education* comprises two parts. *Volume I* focuses on the rationale for sexuality education and provides sound technical advice on characteristics of effective programmes. This companion document (*Volume II*) presents a ‘basic minimum package’ of topics and learning objectives for a sexuality education programme for children and young people from 5 to 18+ years of age and includes a bibliography of useful resources. The intention is to provide concrete guidance for the development of locally adapted curricula.

The development of the *topics and learning objectives* was informed by a specially commissioned review of existing curricula from 12 countries², guidelines and standards as identified by key informants, and through searches of relevant databases, websites and electronic mailing lists³ (see *References*). The *Guidance* was further developed through key informant interviews with recognised experts (see list in Appendix III), and through a global technical consultation meeting held in February 2009 with experts from 13 countries (see list in Appendix IV). Colleagues from UNAIDS, UNESCO, UNFPA, UNICEF and WHO have also provided input into this document. Thus, while by no means exhaustive, some of the topics and learning objectives are solidly embedded in evidence and all are grounded upon practical experience.

In addition, the topics covered in those evaluated programmes that effectively changed behaviour, reviewed in the companion document (*Volume I*) on the *rationale for sexuality education* (<http://www.unesco.org/aids>), informed some of the learning objectives. Additional programmes referred to in the *rationale for sexuality education* covered some but not all of the learning objectives described in this volume.

Future versions of the *International Technical Guidance* will be produced and will incorporate feedback from users around the world, and will continue to be based on the best available evidence.

The goals of the topics and learning objectives are to:

- provide accurate information about topics that children and young people are curious about and about which they have a need to know;
- provide children and young people with opportunities to explore values, attitudes and norms concerning sexual and social relationships;
- promote the acquisition of skills; and
- encourage children and young people to assume responsibility for their own behaviour and to respect the rights of others.

As a comprehensive package, all learning objectives address children’s and young people’s need for information and right to education. However, while only some of these learning objectives are specifically designed to reduce risky sexual behaviour, others will attempt to change social norms, facilitate communication of sexual issues, remove social and attitudinal barriers to sexuality education and increase knowledge.

2 Botswana, Ethiopia, Indonesia, Jamaica, Kenya, Namibia, Nigeria, South Africa, Tanzania, Thailand, USA and Zambia.

3 These included but were not limited to the following sites: SIECUS; Johns Hopkins Bloomberg School of Public Health Center for Communications Program’s The Info Project; International HIV/AIDS Alliance; Family Health International; Institute of Education, University of London; United Nations Educational, Scientific and Cultural Organization (UNESCO); UNESCO International Bureau of Education (IBE); United Nations Population Fund (UNFPA); and International Planned Parenthood Federation (IPPF).

2. Age range

The *topics and learning objectives* in this volume are intended for young people at primary and secondary school levels. However, many people have not received any sexuality education at those levels and so learners in tertiary institutions may also benefit from the learning objectives in the *International Technical Guidance*. Indeed, the need for sexuality education at tertiary level may be especially critical, given that many students will be living away from home for the first time, may develop relationships, and may become sexually active. In addition, *the topics and learning objectives* may prove useful for teacher training and curriculum development or simply as a checklist to review existing curricula and programmes.

It is equally important to provide sexuality education to children and young people out of school, especially for those who may be marginalised for a variety of reasons, and particularly vulnerable to an early, unprepared sexual debut and sexual exploitation and abuse.

The topics and learning objectives address four age groups and corresponding levels:

1. ages 5 to 8 (Level I)
2. ages 9 to 12 (Level II)
3. ages 12 to 15 (Level III)
4. ages 15 to 18+ (Level IV)

The learning objectives are logically staged, with concepts for younger students typically including more basic information, less advanced cognitive tasks, and less complex activities. There is a deliberate overlap between levels 3 and 4 in order to accommodate the broad age range of learners who might be in the same class. Level 4 addresses learners from ages 15 to 18+ to acknowledge that some learners in the secondary level may be older than 18 and that the topics and learning objectives can also be used with more mature learners in tertiary institutions. All information discussed with the above-mentioned age groups should be in line with learners' cognitive abilities and pay attention to children and young people with intellectual/learning disabilities.

The sexual and reproductive health needs and concerns of children and young people, as well as the age of sexual debut, vary considerably within and across regions, as well as within and across countries and communities. This, in turn, is likely to affect the perceived appropriateness of particular learning objectives when developing curricula, materials and programmes. Learning objectives should therefore be adjusted to their context. However, this should be done in response to the available data and evidence rather than because of personal discomfort or perceived opposition.

3. Components of learning

The topics and learning objectives cover four components of the learning process:

1. Information: sexuality education provides accurate information about human sexuality, including: growth and development; sexual anatomy and physiology; reproduction; contraception; pregnancy and childbirth; HIV and AIDS; STIs; family life and interpersonal relationships; culture and sexuality; human rights empowerment; non-discrimination, equality and gender roles; sexual behaviour; sexual diversity; sexual abuse; gender-based violence; and harmful practices.
2. Values, attitudes and social norms: sexuality education offers students opportunities to explore values, attitudes and norms (personal, family, peer and community) in relation to sexual behaviour, health, risk-taking and decision-making and in consideration of the principles of tolerance, respect, gender equality, human rights, and equality.
3. Interpersonal and relationship skills: sexuality education promotes the acquisition of skills in relation to: decision-making; assertiveness; communication; negotiation; and refusal. Such skills can contribute to better and more productive relationships with family members, peers, friends and romantic or sexual partners.
4. Responsibility: sexuality education encourages students to assume responsibility for their own behaviour as well as their behaviour towards other people through respect; acceptance; tolerance and empathy for all people regardless of their health status or sexual orientation. Sexuality education also insists on gender equality; resisting early, unwanted or coerced sex and rejecting violence in relationships; and the practice of safer sex, including the correct and consistent use of condoms and contraceptives.

4. Stand-alone or integrated programmes

Decisions need to be made about whether sexuality education should be: taught as a stand-alone subject (as it is in Malawi and Jamaica); integrated within an existing mainstream subject, such as health or biology (as it is in Viet Nam); delivered across several other subjects, such as civics, health and biology (as in Mexico); or included in guidance and counselling (as it has been in Kenya until recently).

Decisions will be influenced by general educational policies, the availability of resources (including the availability of supportive school administration, trained teachers and materials), competing priorities in the school curriculum, the needs of learners, community support for sexuality education programmes and timetabling issues. A pragmatic response might acknowledge that, while it would be ideal to introduce sexuality education as a separate subject, it may be more practical to build upon and improve what teachers are already teaching, and look to integrate it within existing subjects such as social science, biology or guidance and counselling.

Box 1. Sexuality education – Examples of point of entry from five countries

Malawi

In Malawi, sexuality education is taught as a stand-alone and examinable subject at the secondary school level and is integrated into carrier subjects and not yet examinable at the primary school level. In both cases, sexuality education is taught by trained teachers using specifically designed materials.

Mexico

In Mexico, sexuality education is integrated within various parts of the curriculum such as science and civics education, in recognition of the fact that sexuality is part of many aspects of life. Sexuality education may become a separate subject for learners (aged 15-18 years) in upper secondary school.

United Republic of Tanzania

In the United Republic of Tanzania, sexuality education is integrated within carrier subjects such as a science and civics education. The Tanzanian case proves that sexuality education does not need to be made an entirely separate subject in order to be included in curricula.

Viet Nam

In Viet Nam, the Ministry of Education is in the process of developing a compulsory extra-curricular component, which will complement intra-curricular content. The strategy also makes use of participatory approaches and peer support reinforced by a parallel parental programme.

5. Structure

The overarching topics under which learning objectives have been defined are organised around six key concepts:

1. Relationships
2. Values, attitudes and skills
3. Culture, society and human rights
4. Human development
5. Sexual behaviour
6. Sexual and reproductive health

Each topic is linked to specific learning objectives, grouped according to the four age levels. The learning objectives are the intended outcomes of working on particular topics. Learning objectives are defined at the level when they should be first introduced, but they need to be reinforced across different age levels. When a programme begins with older students, it may be necessary to cover topics and learning objectives from earlier age levels. Based on needs and country/region-specific characteristics, such as social and cultural norms and epidemiological context, the contents of the learning objectives could be adjusted to be included within earlier or later age levels. However, most experts believe that children and young people want and need sexuality and sexual health information as early and comprehensively as possible.

6. Overview of key concepts and topics

The tables below specify the topics and learning objectives which can provide a comprehensive ‘menu’ for curriculum development. The topics and learning objectives are drawn from evidence concerning curricula that have been demonstrated to change behaviours, as well as from practical experience.

<p>Key Concept 1: Relationships</p> <p><i>Topics:</i></p> <ul style="list-style-type: none"> 1.1 Families 1.2 Friendship, Love and Romantic Relationships 1.3 Tolerance and Respect 1.4 Long-term Commitment, Marriage and Parenting 	<p>Key Concept 2: Values, Attitudes and Skills</p> <p><i>Topics:</i></p> <ul style="list-style-type: none"> 2.1 Values, Attitudes and Sources of Sexual Learning 2.2 Norms and Peer Influence on Sexual Behaviour 2.3 Decision-making 2.4 Communication, Refusal and Negotiation Skills 2.5 Finding Help and Support 	<p>Key Concept 3: Culture, Society and Human Rights</p> <p><i>Topics:</i></p> <ul style="list-style-type: none"> 3.1 Sexuality, Culture and Human Rights 3.2 Sexuality and the Media 3.3 The Social Construction of Gender 3.4 Gender-Based Violence including Sexual Abuse, Exploitation and Harmful Practices
<p>Key Concept 4: Human Development</p> <p><i>Topics:</i></p> <ul style="list-style-type: none"> 4.1 Sexual and Reproductive Anatomy and Physiology 4.2 Reproduction 4.3 Puberty 4.4 Body Image 4.5 Privacy and Bodily Integrity 	<p>Key Concept 5: Sexual Behaviour</p> <p><i>Topics:</i></p> <ul style="list-style-type: none"> 5.1 Sex, Sexuality and the Sexual Life Cycle 5.2 Sexual Behaviour and Sexual Response 	<p>Key Concept 6: Sexual and Reproductive Health</p> <p><i>Topics:</i></p> <ul style="list-style-type: none"> 6.1 Pregnancy Prevention 6.2 Understanding, Recognising and Reducing the Risk of STIs, including HIV 6.3 HIV and AIDS Stigma, Care, Treatment and Support

7. Tables of learning objectives

Key Concept 1 – Relationships

1.1 Families

Learning Objective for Level I (5-8 years)

Define the concept of 'family' with examples of different kinds of family structures

Key Ideas:

- Many different kinds of families exist around the world (e.g. two-parent, single parent, child-headed, guardian-headed, extended, nuclear and non-traditional families, etc.)
- Family members have different needs and roles
- Family members take care of each other in many ways, though sometimes they may not want to or be able to
- Gender inequality is often reflected in the roles and responsibilities of family members
- Families are important in teaching values to children

Learning Objective for Level II (9-12 years)

Describe the roles, rights and responsibilities of different family members

Key Ideas:

- Families can promote gender equality in terms of roles and responsibilities
- Communication within families, in particular between parents and children, builds better relationships
- Parents and other family members guide and support their children's decisions
- Families help children to acquire values and influence their personality
- Health and disease can affect families in terms of their structure, capacities, roles and responsibilities

Learning Objective for Level III (12-15 years)

Describe how responsibilities of family members change as they mature

Key Ideas:

- Love, cooperation, gender equality, mutual caring and mutual respect are important for good family functioning and healthy relationships
- As they grow up, children's worlds and affections expand beyond the family, and friends and peers become particularly important
- Growing up means taking responsibility for oneself and others
- Conflict and misunderstandings between parents and children are common, especially during puberty, and are usually resolvable

Learning Objective for Level IV (15-18 years)

Discuss how sexual and relationship issues can impact on the family - e.g. disclosing an HIV-positive status, an unintended pregnancy, being in a same-sex relationship

Key Ideas:

- Family members' roles may change when a young family member discloses an HIV-positive status, becomes pregnant, refuses an arranged marriage or discloses their sexual orientation
- There are support systems that family members can turn to in times of crisis
- Families can survive crises when they support one another with mutual respect

1.2 Friendship, Love and Relationships

Learning Objective for Level I (5-8 years)

Define a 'friend'

Key Ideas:

- There are different kinds of friends (e.g. good friends versus bad friends, boyfriends, girlfriends)
- Friendships are based on trust, sharing, empathy and solidarity
- Relationships involve different kinds of love and love can be expressed in many different ways
- Disability or health status is not a barrier to forming friendships and relationships or giving love

Learning Objective for Level II (9-12 years)

Identify skills needed for managing relationships

Key Ideas:

- There are different ways to express friendship and to love another person
- Friendships and love help people feel good about themselves
- Gender roles affect personal relationships, and gender equality is a part of healthier relationships
- Relationships can be healthy or unhealthy
- An abusive relationship is an example of an unhealthy relationship

Learning Objective for Level III (12-15 years)

Differentiate between different kinds of relationships

Key Ideas:

- Love, friendship, infatuation and sexual attraction involve different emotions
- Friendships can have many benefits
- Friends can influence one another positively and negatively
- Close relationships can sometimes become sexual
- Romantic relationships can be strongly affected by gender roles and stereotypes
- Relationship abuse and violence are strongly linked to gender roles and stereotypes

Learning Objective for Level IV (15-18 years)

Identify relevant laws concerning abusive relationships

Key Ideas:

- People can be taught skills to identify abusive relationships
- There are laws against abuse in relationships in most countries
- People have a responsibility to report abusive relationships
- Support mechanisms typically exist to assist people in abusive relationships

Key Concept 1

– Relationships

1.3 Tolerance and Respect

Learning Objectives for Level I (5-8 years)

Define 'respect'

Key Ideas:

- The values of tolerance, acceptance and respect are key to healthy relationships
- Every human being is unique and valuable and can contribute to society by being a friend, being in a relationship and by giving love
- Every human being deserves respect
- Making fun of people is harmful

Learning Objectives for Level II (9-12 years)

Define the concepts of bias, prejudice, stigma, intolerance, harassment, rejection and bullying

Key Ideas:

- It is disrespectful, hurtful and a violation of human rights to harass or bully anyone on the basis of health status, colour, origin, sexual orientation or other differences
- Stigma and discrimination on the grounds of difference are a violation of human rights
- Everyone has a responsibility to defend people who are being harassed or bullied

Learning Objectives for Level III (12-15 years)

Explain why stigma, discrimination and bullying are harmful

Key Ideas:

- Stigma and discrimination are harmful
- Stigma can also be self-inflicted and lead to silence, denial and secrecy
- Everyone has a responsibility to speak out against bias and intolerance
- Support mechanisms typically exist to assist people experiencing stigma and discrimination (e.g. homophobia)

Learning Objectives for Level IV (15-18 years)

Explain why it is important to challenge discrimination against those perceived to be 'different'

Key Ideas:

- Discrimination impacts negatively upon individuals, communities and societies
- In many places, there are laws against stigma and discrimination

1.4 Long-term Commitments, Marriage and Parenting

Learning Objectives for Level I (5-8 years)

Explain the concepts of 'family' and 'marriage'

Key Ideas:

- Some people choose their marriage partners, others have arranged marriages
- Some relationships end in separation and divorce, which can affect all family members
- Different family structures affect children's living arrangements, roles and responsibilities
- Forced marriages and child marriages are harmful and are usually illegal

Learning Objectives for Level II (9-12 years)

Explain the key features of long-term commitments, marriage and parenting

Key Ideas:

- Laws and cultural practices shape how marriage, partnership formation and having children are organised in society
- Every person has the right to decide whether to become a parent, including people with disabilities and people living with HIV
- Parenting comes with responsibilities
- Adults can become parents in several ways: intended and unintended pregnancy, adoption, fostering, use of assisted fertility technologies and surrogate parenting

Learning Objectives for Level III (12-15 years)

Identify the key responsibilities of marriage and long-term commitments

Key Ideas:

- Successful marriages and long-term commitments are based on love, tolerance and respect
- Early marriage, child marriage and teenage parenting often have negative social and health consequences
- Culture and gender roles impact upon parenting

Learning Objectives for Level IV (15-18 years)

Identify key physical, emotional, economic, and educational needs of children and associated responsibilities of parents

Key Ideas:

- Marriage and long-term commitments can be rewarding and challenging
- Children's well-being can be affected by difficulties in relationships
- There are many factors that influence why people decide to have children or not

Key Concept 2

– Values, Attitudes and Skills

2.1 Values, Attitudes and Sources of Sexual Learning

Learning Objectives for Level I (5-8 years)

Define values and identify important personal values such as equality, respect, acceptance and tolerance

Key Ideas:

- Values are strong beliefs held by individuals, families and communities about important issues
- Values and beliefs guide decisions about life and relationships
- Individuals, peers, families and communities may have different values

Learning Objectives for Level II (9-12 years)

Identify sources of values, attitudes and sexual learning

Key Ideas:

- In most families parents teach and exemplify their values to their children
- Values and attitudes imparted to us by families and communities are the sources of our sexual learning
- Values regarding gender, relationships, intimacy, love, sexuality and reproduction influence personal behaviour and decision-making
- Cultural values affect male and female gender role expectations and equality

Learning Objectives for Level III (12-15 years)

Describe their own personal values in relation to a range of sexuality and reproductive health issues

Provide clear examples of how personal values affect their own decisions and behaviours

Key Ideas:

- It is important to know one's own values, beliefs and attitudes, how they impact on the rights of others and how to stand up for them
- Everyone needs to be tolerant of and have respect for different values, beliefs and attitudes

Learning Objectives for Level IV (15-18 years)

Explain how to behave in ways that are consistent with one's own values

Key Ideas:

- As children grow up, they develop their own values which may differ from their parents
- Parent-child relationships are strengthened when parents and children talk to one another about their differences and develop respect for each other's rights to have different values
- All relationships benefit when people respect each other's values

2.2 Norms and Peer Influence on Sexual Behaviour

Learning Objectives for Level I (5-8 years)

Define peer pressure

Key Ideas:

- Peer Influence exists in many different forms
- Influence from one's peers can be good or bad

Learning Objectives for Level II (9-12 years)

Describe social norms and their influence on behaviour

Key Ideas:

- Social norms influence values and behaviour, including sexual values and behaviour
- Negative social norms and peer pressure can be challenged through assertive behaviour and other means

Learning Objectives for Level III (12-15 years)

Explain how peer influence and social norms influence sexual decisions and behaviour

Key Ideas:

- Social norms and peer influence, such as bullying and negative peer pressure, can affect sexual decision-making and behaviour
- Being assertive means learning when and how to say 'yes' and 'no' about sexual relationships, and sticking to one's decision

Learning Objectives for Level IV (15-18 years)

Demonstrate skills in resisting peer pressure

Key Ideas:

- It is possible to make rational decisions about sexual behaviour
- People can resist negative peer influence in their sexual decision-making

Key Concept 2

– Values, Attitudes and Skills

2.3 Decision-making

Learning Objectives for Level I (5-8 years)

Identify examples of good and bad decisions and their consequences

Key Ideas:

- Individuals deserve to be able to make their own decisions
- All decisions have consequences
- Decision-making is a skill that one can learn
- Children and young people may need help from adults to make certain decisions

Learning Objectives for Level II (9-12 years)

Apply the decision-making process to address problems

Key Ideas:

- Decision-making may involve different steps
- Decision-making has consequences and these can often be anticipated; therefore it is important to choose with the best outcome in mind
- There are multiple influences on decisions, including friends, culture, gender role stereotypes, peers and the media
- Trusted adults can be a source of help for decision-making

Learning Objectives for Level III (12-15 years)

Evaluate advantages, disadvantages and consequences of different decisions

Apply the decision-making process to address sexual and/or reproductive health concerns

Key Ideas:

- Barriers can stand in the way of making rational decisions on sexual behaviour
- Emotions are a factor in decision-making about sexual behaviour
- Alcohol and drugs can impair rational decision-making on sexual behaviour
- Making decisions about sexual behaviour includes consideration of all of the potential consequences
- Decisions on sexual behaviour can affect people's health, future and life plans

Learning Objectives for Level IV (15-18 years)

Identify potential legal, social and health consequences of sexual decision-making

Key Ideas:

- Sexual behaviour has consequences on oneself and others, and may include legal consequences as well as unintended pregnancy or STIs, including HIV
- National laws can affect what young people can and cannot do
- There are international conventions and agreements relating to sexual and reproductive health that provide useful orientation to human rights standards (e.g. CEDAW, CRC) that can be looked at in conjunction with national laws related to access to health services, age of sexual consent, etc.

2.4 Communication, Refusal and Negotiation Skills

Learning Objectives for Level I (5-8 years)

Demonstrate understanding of different types of communication

Key Ideas:

- All people have the right to express themselves
- Communication is important in all relationships including between parents and children, trusted adults and friends
- People have different ways of communicating, including verbal and non-verbal communication
- Clearly communicating 'yes' and 'no' protects one's privacy and bodily integrity

Learning Objectives for Level II (9-12 years)

Demonstrate examples of effective and ineffective communication

Key Ideas:

- Effective communication uses different modes and styles, and can be learned
- Being assertive is an important aspect of communication
- Gender roles can affect communication between people
- Negotiation requires mutual respect, cooperation and often compromise from all parties

Learning Objectives for Level III (12-15 years)

Demonstrate confidence in using negotiation and refusal skills

Key Ideas:

- Good communication is essential to personal, family, romantic, school and work relationships
- Barriers can stand in the way of effective communication
- Effective communication can help children and young people refuse unwanted sexual pressure and abuse by people in positions of authority and other adults
- Gender roles and expectations influence the negotiation of sexual relationships

Learning Objectives for Level IV (15-18 years)

Demonstrate effective communication of personal needs and sexual limits

Key Ideas:

- Consensual and safer sex requires effective communication skills
- Assertiveness and negotiation skills can help one to resist unwanted sexual pressure or reinforce the intention to practise safer sex

Key Concept 2

– Values, Attitudes and Skills

2.5 Finding Help and Support

Learning Objectives for Level I (5-8 years)

Identify specific ways in which people can help each other

Key Ideas:

- All people have the right to be protected and supported
- Friends, family, teachers, clergy and community members can and should help each other
- Trusted adults can be sources of help and support

Learning Objectives for Level II (9-12 years)

Identify specific problems and relevant sources of help

Key Ideas:

- There are different sources of help and support in your school and wider community
- Some problems may require asking for help outside of the school or community
- Unwanted sexual attention, harassment or abuse needs to be reported to a trusted source of help

Learning Objectives for Level III (12-15 years)

Identify appropriate sources of help

Key Ideas:

- Shame and guilt should not be barriers to seeking help
- Critical assessment is needed when using the media (e.g. the Internet) as a source of help
- There are places where people can access support for sexual and reproductive health (e.g. counselling, testing and treatment for STIs/HIV; services for contraception, sexual abuse, rape, domestic and gender-based violence, abortion and post-abortion care⁴ and stigma and discrimination)
- A good source of help maintains confidentiality⁵ and protects privacy

Learning Objectives for Level IV (15-18 years)

Demonstrate appropriate help-seeking behaviour

Key Ideas:

- Assertiveness is a necessary skill for identifying an appropriate source of help
- Everyone has the right to affordable, factual, and respectful assistance that maintains confidentiality⁵ and protects privacy

4 "In no case should abortion be promoted as a method of family planning...In circumstances in which abortion is not against the law, such abortion should be safe. In all cases, women should have access to quality services for the management of complications arising from abortion. Post-abortion counselling, education and family-planning services should be offered promptly, which will also help to avoid repeat abortions." ICPD POA, para. 8.25 "In circumstances where abortion is not against the law, health systems should train and equip health-service providers and should take other measures to ensure that such abortion is safe and accessible." Key actions ICPD+5, para. 63iii

5 "In order to promote the health and development of adolescents, States parties are also encouraged to respect strictly their right to privacy and confidentiality, including with respect to advice and counselling on health matters (art. 16). Health-care providers have an obligation to keep confidential medical information concerning adolescents, bearing in mind the basic principles of the Convention. Such information may only be disclosed with the consent of the adolescent, or in the same situations applying to the violation of an adult's confidentiality. Adolescents deemed mature enough to receive counselling without the presence of a parent or other person are entitled to privacy and may request confidential services, including treatment." CRC Gen Com 4(2003) para. 11. "The realization of the right to health of adolescents is dependent on the development of youth-sensitive health care, which respects confidentiality and privacy and includes appropriate sexual and reproductive health services." CRC Gen Com 4(2003) para. 40b.

Key Concept 3

– Culture, Society and Human Rights

3.1 Sexuality, Culture and Law

Learning Objectives for Level I (5-8 years)

Identify sources of our information about sex and gender

Key Ideas:

- Families, individuals, peers and communities are sources of information about sex and gender
- Values and beliefs from families and communities guide our understanding of sex and gender

Learning Objectives for Level II (9-12 years)

Identify key cultural, religious and human rights and supportive legal norms and messages about sexuality

Demonstrate willingness to listen to the opinions of others regarding sexuality

Key Ideas:

- Culture, society and human rights and legal standards influence our understanding of sexuality
- All cultures have norms and taboos related to sexuality and gender that have changed over time
- Each culture has its specific rites of passage to adulthood
- Respect for human rights requires us to consider others' opinions on sexuality

Learning Objectives for Level III (12-15 years)

Identify key cultural norms and sources of messages relating to sexuality

Identify national laws and local regulations affecting the enjoyment of human rights related to sexual and reproductive health

Key Ideas:

- International agreements and human rights instruments provide guidance on sexual and reproductive health
- Cultural factors influence what is considered acceptable and unacceptable sexual behaviour in society

Learning Objectives for Level IV (15-18 years)

Explain the concepts of human rights related to sexual and reproductive health

Key Ideas:

- There are international and national legal instruments concerning child marriage, female genital mutilation/cutting (FGM/C), age of consent, sexual orientation, rape, sexual abuse, and people's access to sexual and reproductive health (SRH) services
- Respect for human rights requires us to accept people of differing sexual orientation and gender identity
- Culture, human rights and social practices influence gender equality and gender roles

Key Concept 3

– Culture, Society and Human Rights

3.2 Sexuality and the Media

Learning Objectives for Level I (5-8 years)

Identify different forms of media

Distinguish between examples from reality and fiction (e.g. television, Internet)

Key Ideas:

- Television, the Internet, books and newspapers are different forms of media
- All media present stories which may be real or imagined

Learning Objectives for Level II (9-12 years)

Identify examples of how men and women are portrayed in the mass media

Describe the impact of mass media upon personal values, attitudes and behaviour relating to sex and gender

Key Ideas:

- The mass media may be positive and negative in their representation of men and women
- The mass media influence personal values, attitudes and social norms concerning gender and sexuality

Learning Objectives for Level III (12-15 years)

Identify unrealistic images in the mass media concerning sexuality and sexual relationships

Describe the impact of these images on gender stereotyping

Key Ideas:

- The mass media influences our ideals of beauty and gender stereotypes
- Pornographic media tend to rely on gender stereotyping
- Negative mass media portrayals of men and women influence one's self-esteem

Learning Objectives for Level IV (15-18 years)

Critically assess the potential influence of mass media messages about sexuality and sexual relationships

Identify ways in which the mass media could make a positive contribution to promoting safer sexual behaviour and gender equality

Key Ideas:

- Negative and inaccurate mass media portrayals of men and women can be challenged
- Mass media have the power to influence behaviour positively and promote equal gender relations

3.3 The Social Construction of Gender

Learning Objectives for Level I (5-8 years)

Define gender

Key Idea:

- Families, schools, friends, media and society are sources of learning about gender and gender stereotypes

Learning Objectives for Level II (9-12 years)

Explore ways in which gender inequality is driven by boys and girls, women and men

Key Ideas:

- Social and cultural norms and religious beliefs are some of the factors which influence gender roles
- Gender inequalities exist in families, friendships, communities and society, e.g. male/son preference
- Human rights promote the equality of men and women and boys and girls
- Everyone has a responsibility to overcome gender inequality

Learning Objectives for Level III (12-15 years)

Explain the meaning and provide examples of gender bias and discrimination

Key Ideas:

- Personal values influence one's beliefs about gender bias and discrimination
- Gender equality promotes equal decision-making about sexual behaviour and family planning
- Different and unequal standards sometimes apply to men and women

Learning Objectives for Level IV (15-18 years)

Identify personal examples of the ways in which gender affects people's lives

Key Ideas:

- Sexual orientation and gender identity are widely understood to be influenced by many factors
- Gender inequality influences sexual behaviour and may increase the risk of sexual coercion, abuse and violence

Key Concept 3

– Culture, Society and Human Rights

3.4 Gender-Based Violence, Sexual Abuse, and Harmful Practices

Learning Objectives for Level I (5-8 years)

Describe examples of positive and harmful practices

Define sexual abuse

Key Ideas:

- There are positive and harmful practices that affect health and well-being in society
- Human rights protect all people against sexual abuse and gender-based violence
- Inappropriate touching, unwanted and forced sex (rape) are forms of sexual abuse
- Sexual abuse is always wrong

Learning Objectives for Level II (9-12 years)

Explain how gender role stereotypes contribute to forced sexual activity and sexual abuse

Define and describe gender-based violence, including rape and its prevention

Demonstrate relevant communication skills (e.g. assertiveness, refusal) in resisting sexual abuse

Key Ideas:

- Traditional beliefs and practices can be a source of positive learning
- Honour killings, bride killings and crimes of passion are examples of harmful practices and gender inequality that violate human rights
- There are ways to seek help in the case of sexual abuse and rape
- Assertiveness and refusal skills can help to resist sexual abuse and gender-based violence, including rape

Learning Objectives for Level III (12-15 years)

Identify specific strategies for reducing gender-based violence, including rape and sexual abuse

Key Ideas:

- All forms of sexual abuse and gender-based violence by adults, young people and people in positions of authority are a violation of human rights
- Everyone has a responsibility to report sexual abuse and gender-based violence
- There are trusted adults who can refer you to services that support victims of sexual abuse and gender-based violence

Learning Objectives for Level IV (15-18 years)

Demonstrate ability to argue for the elimination of gender role stereotypes and inequality, harmful practices and gender-biased violence

Key Idea:

- Everyone has a responsibility to advocate for gender equality and speak out against human rights violations such as sexual abuse, harmful practices and gender-based violence

Key Concept 4

– Human Development

4.1 Sexual and Reproductive Anatomy and Physiology

Learning Objective for Level 1 (5-8 years)

Distinguish between male and female bodies

Key Ideas:

- Everyone has a unique body which deserves respect, including people with disabilities
- All cultures have different ways of seeing our bodies
- Men and women and boys and girls have different bodies which change over time
- Some body parts are considered private and others not

Learning Objectives for Level II (9-12 years)

Describe the structure and function of the sexual and reproductive organs

Key Ideas:

- Sexual and reproductive anatomy and physiology describe concepts such as the menstrual cycle, sperm production, erection and ejaculation
- It is common for children and young people to have questions about sexual development e.g. why is one breast larger than the other? Do these changes happen to everyone?

Learning Objectives for Level III (12-15 years)

Distinguish between the biological and social aspects of sex and gender

Key Ideas:

- The sex of a fetus is determined by chromosomes, and occurs at the early stages of pregnancy
- Hormones play a major part in growth, development, and the regulation of reproductive organs and sexual functions
- Cultural, traditional and religious practices are an important influence on one's thinking about sex, gender, puberty and reproduction
- All cultures have different ways of understanding sex, gender and when it is appropriate to become sexually active

Learning Objectives for Level IV (15-18 years)

Describe the sexual and reproductive capacity of males and females over the life cycle

Key Idea:

- Men and women's bodies change over time, including their reproductive and sexual capacities and functions

Key Concept 4

– Human Development

4.2 Reproduction

Learning Objectives for Level 1 (5-8 years)

Describe where babies come from

Key Ideas:

- Babies are formed when a human egg and a sperm cell combine
- Reproduction includes a number of steps, including ovulation, fertilisation, conception, pregnancy and the delivery of the baby
- A woman's body undergoes changes during pregnancy

Learning Objectives for Level II (9-12 years)

Describe both how pregnancy occurs and how it can be prevented

Identify basic contraceptive methods

Key Ideas:

- Unprotected vaginal intercourse can lead to pregnancy and STIs, including HIV
- There are ways of preventing unintended pregnancy including abstaining from sex and using contraception
- The correct and consistent use of condoms and contraception can prevent pregnancy, HIV and other STIs
- Hormonal changes regulate ovulation and the menstrual cycle
- At certain points in a woman's menstrual cycle, conception is more likely to occur
- There are health risks associated with early marriage (voluntary and forced), and early pregnancy and birth
- Pregnancy does not endanger the health of an HIV-positive woman, and there are steps that can be taken to reduce the risk of HIV transmission to the baby

Learning Objectives for Level III (12-15 years)

Describe the signs of pregnancy, and the stages of foetal development and childbirth

Key Ideas:

- There are signs and symptoms of pregnancy which can be confirmed by a test
- Foetuses undergo many developmental stages
- Steps can be taken to promote a healthy pregnancy and safe childbirth
- There are health risks to foetal development associated with poor nutrition, smoking and using alcohol and drugs during pregnancy

Learning Objectives for Level IV (15-18 years)

Differentiate between reproductive and sexual functions and desires

Key Ideas:

- Mutual consent is a key requirement before sexual activity with a partner
- Sexual decision-making requires prior consideration of risk-reduction strategies to prevent unintended pregnancy and STIs
- Men and women experience changes in their sexual and reproductive functions throughout life
- Not everyone is fertile and there are ways of trying to address this

4.3 Puberty

Learning Objectives for Level I (5-8 years)

Describe how bodies change as people grow

Describe the key features of puberty

Key Idea:

- Puberty is a time of physical and emotional change that happens as children grow and mature

Learning Objectives for Level II (9-12 years)

Describe the process of puberty and the maturation of the sexual and reproductive system

Key Ideas:

- Puberty signals changes in a person's reproductive capability
- Young people experience a range of social, emotional and physical changes during puberty
- As the body matures, it is important to maintain good hygiene (e.g. washing the genitals, menstrual hygiene, etc.)
- During puberty, young women need access to and knowledge about the proper use of sanitary pads and other menstrual aids
- Male hormonal changes regulate the beginning of sperm production
- Young men may experience wet dreams during puberty and later in life

Learning Objectives for Level III (12-15 years)

Describe the similarities and differences between girls and boys in relation to the physical, emotional, and social changes associated with puberty

Distinguish between puberty and adolescence

Key Ideas:

- Puberty is a time of sexual maturation which leads to major physical and emotional changes and can be stressful
- Puberty occurs at different times for different people, and has different effects on boys and girls
- Adolescence is the time between the beginning of sexual maturation (puberty) and adulthood

Learning Objectives for Level IV (15-18 years)

Describe the key emotional and physical changes in puberty that occur as a result of hormonal changes

Key Ideas:

- Male and female hormones differ and have a major influence on the emotional and physical changes that occur over one's lifetime
- Hormones can affect body shape and size, body hair growth, and other changes

Key Concept 4

– Human Development

4.4 Body Image

Learning Objectives for Level I (5-8 years)

Recognise that bodies are all different

Key Ideas:

- All bodies (including those with disabilities) are special and unique
- Everyone can be proud of their body

Learning Objectives for Level II (9-12 years)

Differentiate between cultural ideals and reality in relation to physical appearance

Key Ideas:

- Physical appearance is determined by heredity, environment and health habits
- A person's value is not determined by their appearance
- Ideals of physical attractiveness change over time and differ between cultures

Learning Objectives for Level III (12-15 years)

Describe how peoples' feelings about their bodies can affect their health, self-image and behaviour

Key Ideas:

- The size and shape of the penis, vulva or breasts vary and do not affect reproduction or the ability to be a good sexual partner
- The appearance of a person's body can affect how other people feel about and behave towards them
- Using drugs to change your body image (e.g. diet pills or steroids) to conform to unrealistic, gendered standards of beauty can be harmful
- There are ways of seeking help and treating harmful eating disorders, e.g. anorexia and bulimia

Learning Objectives for Level IV (15-18 years)

Identify particular culture and gender role stereotypes and how they can affect people and their relationships

Key Ideas:

- Unrealistic standards about bodily appearance can be challenged
- One's body image can affect self-esteem, decision-making and behaviour

4.5 Privacy and Bodily Integrity

Learning Objectives for Level I (5-8 years)

Describe the meaning of 'body rights'

Key Ideas:

- Everyone has the right to decide who can touch their body, where, and in what way
- All cultures have different ways of respecting privacy and bodily integrity

Learning Objectives for Level II (9-12 years)

Define unwanted sexual attention

Demonstrate ways of resisting unwanted sexual attention

Key Ideas:

- During puberty, privacy about one's body becomes more important
- Private space, including access to toilets and water, becomes more important as girls mature
- Unwanted sexual attention and harassment of girls during menstruation and, indeed, at all other times is a violation of their privacy and bodily integrity
- Unwanted sexual attention and harassment of boys is a violation of their privacy and bodily integrity
- For girls, communicating to their peers, parents and teachers about menstruation is nothing to be ashamed of
- Being assertive about privacy is a way of refusing harassment and unwanted sexual attention

Learning Objectives for Level III (12-15 years)

Identify key elements of keeping oneself safe from sexual harm

Key Ideas:

- Everyone has the right to privacy and bodily integrity
- Everyone has the right to be in control over what they will and will not do sexually
- The Internet, cell phones and other new media can be a source of unwanted sexual attention

Learning Objectives for Level IV (15-18 years)

Describe some ways in which society, culture, law and gender roles can affect social interactions and sexual behaviour

Key Ideas:

- International human rights instruments affirm rights to privacy and bodily integrity
- Men's and women's bodies are treated differently and double standards of sexual behaviour may impact upon social and sexual interactions

Key Concept 5

– Sexual Behaviour

5.1 Sex, Sexuality and the Sexual Life Cycle

Learning Objectives for Level I (5-8 years)

Explain the concept of private parts of the body

Key Ideas:

- Most children are curious about their bodies
- It is natural to explore parts of one's own body, including the private parts

Learning Objectives for Level II (9-12 years)

Describe sexuality in relation to the human life cycle

Key Ideas:

- Human beings are born with the capacity to enjoy their sexuality throughout life
- Many boys and girls begin to masturbate during puberty or sometimes earlier⁶
- Masturbation does not cause physical or emotional harm but should be done in private⁶
- It is important to talk and ask questions about sexuality with a trusted adult

Learning Objectives for Level III (12-15 years)

Explain ways in which sexuality is expressed across the life cycle

Key Ideas:

- Sexual feelings, fantasies and desires are natural and occur throughout life
- Not all people choose to act on their sexual feelings, fantasies and desires
- Interest in sexuality may change with age and can be expressed throughout life
- Everyone needs to be tolerant of and have respect for the different ways sexuality is expressed across cultures and settings

Learning Objectives for Level IV (15-18 years)

Define sexuality in relation to its biological, social, psychological, spiritual, ethical and cultural components.

Key Ideas:

- Sexuality is complex and multi-faceted and includes biological, social, psychological, spiritual, ethical and cultural components
- Sexuality can enhance one's well-being, when expressed respectfully

6 McCary J.L. 1978. McCary's Human Sexuality. Third Edition. New York: D. Van Nostrand and Company, pp. 150 & 262. Strong, B., DeVault, C. 1988. Understanding Our Sexuality. Second Edition. Eagan MN: West Publishing Company, pp. 179-80. Haas, A., and Haas, K. 1990. Understanding Sexuality. Times Mirror/Mosby College Publishing: St. Louis. p. 207. Francoeur, R.T., Noonan, R.J. (Editors). 2004. The International Encyclopaedia of Sexuality. Volume 5. New York: Continuum Intl Pub Group.

5.2 Sexual Behaviours and Sexual Response

Learning Objective for Level I (5-8 years)

Explain that sexual activity is a mature way of showing care and affection

Key Ideas:

- Adults show love and care for other people in different ways, including sometimes through sexual behaviours
- People kiss, hug, touch and engage in sexual behaviours with one another to show care, love, physical intimacy and to feel good
- Children are not ready for sexual contact with other people

Learning Objective for Level II (9-12 years)

Describe male and female response to sexual stimulation

Key Ideas:

- Men and women have a sexual response cycle, whereby sexual stimulation (physical or mental) can produce a physical response
- During puberty, boys and girls become more aware of their responses to sexual attraction and stimulation
- People can have sexual thoughts and feelings without acting on them and are generally able to control them when needed
- There is a range of ways in which couples can demonstrate love, care and feelings of sexual attraction, and show that love involves more than engaging in sexual behaviour
- Sexual relationships require emotional and physical maturity
- Critical thinking needs to be applied to making friends and forming sexual relationships.
- Few, if any, people have a sexual life that is without problems or disappointments

Key Concept 5

– Sexual Behaviour

5.2 Sexual Behaviours and Sexual Response (contd.)

Learning Objectives for Level III (12-15 years)

Describe common sexual behaviours

Describe the key elements of the sexual response cycle

Key Ideas:

- Every society has its own myths about sexual behaviour – it is important to know the facts
- Abstinence means choosing not to engage in sexual behaviours with others, and is the safest way to avoid pregnancy and STIs, including HIV
- Condoms and other contraceptives enable people to engage in sexual behaviours that reduce the risk of unintended consequences
- Non-penetrative sexual behaviours are without risk of unintended pregnancy, and offer reduced risk of STIs, including HIV
- Transactional sexual activity is the exchange of money, goods or protection for sexual favours
- Building children's and young people's assertiveness and refusal skills can help them to avoid transactional sexual activity
- Everyone has the responsibility to report sexual harassment and coercion, which are violations of human rights
- There are many stages and associated physical changes in the male and female human sexual response cycle

Learning Objectives for Level IV (15-18 years)

Define key elements of sexual pleasure and responsibility

Key Ideas:

- The consequences of engaging in sexual behaviours are real, and come with associated responsibilities
- Good communication can enhance a sexual relationship
- Both sexual partners are responsible for preventing unintended pregnancy and STIs, including HIV
- Many adults have periods in their lives without sexual contact with others

Key Concept 6

– Sexual and Reproductive Health

6.1 Pregnancy Prevention

Learning Objectives for Level I (5-8 years)

Recognise that not all couples have children

Key Ideas:

- All people regardless of their health status, religion, origin, race or marriage status can raise a child and give it the love it deserves
- Children should be wanted, cared for, and loved
- Some people are unable to care for a child

Learning Objectives for Level II (9-12 years)

Describe key features of pregnancy and contraception

Key Ideas:

- There are many myths about condoms, contraceptives and other ways to prevent unintended pregnancy - it is important to know the facts
- Not having sexual intercourse is the most effective form of contraception
- Correct and consistent use of condoms can reduce the risk of unintended pregnancy, HIV and other STIs
- Deciding to use a condom or other contraceptives is the responsibility of men and women, and gender roles and peer norms may influence these decisions
- There are common signs and symptoms of pregnancy, and tests to confirm if one is pregnant
- Unintended pregnancy at an early age can have negative health and social consequences

Key Concept 6

– Sexual and Reproductive Health

6.1 Pregnancy Prevention (contd.)

Learning Objectives for Level III (12-15 years)

Describe effective methods of preventing unintended pregnancy and their associated efficacy

Explain the concept of personal vulnerability to unintended pregnancy

Key Ideas:

- Different forms of contraception have different effectiveness rates, efficacy, benefits and side effects
- Abstaining from sexual intercourse is the most effective method to prevent unintended pregnancy
- The correct and consistent use of condoms can reduce the risk of unintended pregnancy among the sexually active
- Emergency contraception (where legal and available) can prevent unintended pregnancy, including as a result of lack or misuse of contraception, contraceptive failure or sexual assault
- Natural contraceptive methods should only be considered on the advice of a trained health professional
- Sterilisation is a permanent method of contraception
- Condoms and contraceptives can typically be accessed locally - although barriers may prevent or limit young people's ability to obtain them
- No sexually active young person should be refused access to contraceptives or condoms on the basis of their marital status, their sex or their gender

Learning Objectives for Level IV (15-18 years)

Describe personal benefits and possible risks of available methods of contraception

Demonstrate confidence in discussing and using different contraceptive methods

Key Ideas:

- Contraceptive use can help people who are sexually active plan their families, with important related benefits for individuals and societies
- Some contraceptive methods may cause side effects and/or be inadvisable for use in certain circumstances (also known as "contra-indicated")
- All contraception, including condoms and emergency contraception, must be used correctly
- Among the sexually active, the decision about the most appropriate method or mix of contraceptives is often based on perceived risk, cost, accessibility and other factors

6.2 Understanding, Recognising and Reducing the Risk of STIs, including HIV

Learning Objective for Level I (5-8 years)

Describe the concepts of 'health' and 'disease'

Key Ideas:

- People can make choices and adopt behaviours that preserve and safeguard their health
- The immune system protects the body from diseases and helps people to stay healthy
- Some diseases can be transmitted from one person to another
- Some people that have a disease can look healthy
- All people - regardless of their health status - need love, care and support

Learning Objectives for Level II (9-12 years)

Explain how STIs and HIV are transmitted, treated and prevented

Demonstrate communication skills as they relate to safer sex

Key Ideas:

- HIV is a virus that can be transmitted through: unprotected sex with an infected person; blood transfusion with contaminated blood; using contaminated syringes, needles or other sharp instruments; or from an infected mother to her child during pregnancy, childbirth and breastfeeding
- The vast majority of HIV infections are transmitted through unprotected penetrative sexual intercourse with an infected partner
- HIV cannot be transmitted through casual contact (e.g. shaking hands, hugging, drinking from the same glass)
- There are ways to reduce the risk of acquiring or transmitting HIV, including before (e.g. using a condom) and after (e.g. Post-Exposure Prophylaxis) exposure to the virus
- It is possible to be tested for common STIs such as Chlamydia, Gonorrhoea, Syphilis and for HIV
- Treatments exist for many STIs
- There is currently no cure for HIV - although anti-retroviral therapy (ART) can suppress HIV and stop the progression of the disease commonly known as AIDS
- Communication, negotiation and refusal skills can help young people to resist unwanted sexual pressure or reinforce the intention to practice safer sex, including the correct and consistent use of condoms and contraceptives

Key Concept 6

– Sexual and Reproductive Health

6.2 Understanding, Recognising and Reducing Risk of STIs including HIV (contd.)

Learning Objectives for Level III (12-15 years)

Identify specific ways of reducing the risk of acquiring or transmitting HIV and other STIs including the correct use of condoms

Explain how culture and gender affect personal decision-making regarding sexual relationships

Demonstrate skills in negotiating safer sex and refusing unsafe sexual practices

Key Ideas:

- STIs such as Chlamydia, Gonorrhoea, Syphilis, HIV and HPV (genital human papilloma virus) can be prevented
- Not having sexual intercourse is the most effective protection against HIV and other STIs
- If one is sexually active, there are other ways to reduce the risk of acquiring or transmitting HIV and other STIs including: avoiding penetrative sex; practicing 'mutual monogamy'; reducing the number of sexual partners; consistently and correctly using condoms; avoiding having multiple concurrent partners; and getting tested and treated for other STIs
- In certain settings where there are high levels of HIV and other STIs, age-disparate/intergenerational relationships can increase the risk of acquiring HIV
- Post-exposure prophylaxis (PEP), or short-term ART, can reduce the likelihood of HIV infection after a potential exposure
- Sexual health services, including VCT centres offering pre- and post-test counselling can help people to assess personal risk and perceived vulnerability, and explore their attitudes about safer sexual practices
- Everyone has a right to confidentiality⁷ about their health, and should not be required to disclose their HIV status
- Programmes promoting positive living can help people with HIV feel supported to practice safer sex and/or to voluntarily disclose their HIV status to their partner(s)
- Culture, gender and peer norms can influence decision-making about sexual behaviour
- Alcohol and drug use can impair rational decision-making and contribute to high-risk behaviours

Learning Objectives for Level IV (15-18 years)

Assess a range of risk reduction strategies for effectiveness and personal preference

Demonstrate communication and decision-making skills in relation to safer sex

Key Ideas:

- There is a range of factors that may make it difficult for people to practice safer sex
- Some risk reduction strategies offer dual protection against both unplanned pregnancy and STIs, including HIV
- Among the sexually active, the decision about the most appropriate risk reduction strategies to adopt is often influenced by one's self-efficacy, perceived vulnerability, gender roles, culture and peer norms
- Communication, negotiation and refusal skills can help young people to resist unwanted sexual pressure or reinforce the intention to practice safer sex, including the correct and consistent use of condoms and contraceptives

7 "In order to promote the health and development of adolescents, States parties are also encouraged to respect strictly their right to privacy and confidentiality, including with respect to advice and counselling on health matters (art. 16). Health-care providers have an obligation to keep confidential medical information concerning adolescents, bearing in mind the basic principles of the Convention. Such information may only be disclosed with the consent of the adolescent, or in the same situations applying to the violation of an adult's confidentiality. Adolescents deemed mature enough to receive counselling without the presence of a parent or other person are entitled to privacy and may request confidential services, including treatment." CRC Gen Com 4(2003) para. 11. "The realization of the right to health of adolescents is dependent on the development of youth-sensitive health care, which respects confidentiality and privacy and includes appropriate sexual and reproductive health services." CRC Gen Com 4(2003) para. 40b.

6.3 HIV and AIDS Stigma, Treatment, Care and Support

Learning Objectives for Level I (5-8 years)

Identify the basic needs of people living with HIV

Key Ideas:

- All people need love and affection
- People living with HIV can give love and affection and can contribute to society
- People living with HIV have rights and deserve love, respect, care and support
- There are medical treatments that help people live positively with HIV

Learning Objectives for Level II (9-12 years)

Describe the emotional, economic, physical and social challenges of living with HIV

Key Ideas:

- HIV and AIDS affect family structure, family roles and responsibilities
- Finding out one's HIV status can be emotionally challenging
- Disclosing one's HIV status can have negative consequences, including rejection, stigma, discrimination and violence
- Stigma, including self-stigma, can prevent people from accessing and using treatment, care and other support services
- The emotional, health, nutritional and physical needs of children orphaned or made vulnerable by AIDS may require particular attention
- People living with HIV experience changes in their viral loads (the amount of HIV circulating in their bodies) which can impact the risk of transmitting of HIV
- Treatment for HIV is a life-long commitment, and can often come with side effects and other challenges and may require careful attention to nutrition
- Children and young people can also benefit from treatment, although careful attention is required during puberty to ensure proper dosage and adherence

Learning Objectives for Level III (12-15 years)

Explain the importance and key elements of living positively with HIV

Key Ideas:

- Sexuality education programmes for people living with HIV can support them to practice safer sex and to communicate with their partner(s)
- People living with HIV should be able to express their love and feelings and to marry or enter into long-term commitments and to start a family, if they choose to do so
- Support groups and mechanisms typically exist for people living with HIV
- Discrimination against people on the basis of their HIV status is illegal

Learning Objectives for Level IV (15-18 years)

Describe the concept and causes of stigma and discrimination in relation to people living with HIV

Key Ideas:

- Stigma and discrimination against individuals and communities can impede access to education, information and services, and can heighten their vulnerability
- People living with HIV are often powerful advocates for their own rights, which can be enhanced through support from others
- People living with HIV can be important educators and mobilizers of young people because of their own experience and they can provide guidance and support to young people

References

UNAIDS. 2008. *2008 Report on the global AIDS epidemic*. Geneva: UNAIDS.

UNAIDS. 2006. *Scaling up access to HIV prevention, treatment, care and support. The next steps*. Geneva: UNAIDS.

Curricula, training manuals, guidelines and standards

CDC. 2008. *Healthy Youth! National Health Education Standards 1-8, CDC School Health Education Resources*. Atlanta: CDC.

Deutsch, C. et al. 2005. *Standards for Peer Education Programmes: Youth Peer Education Network*. New York: UNFPA and Family Health International.

Education International and WHO. 2001. *Training and Resource Manual On School Health and HIV/AIDS Prevention*. Brussels: Education International (EI) and the World Health Organization (WHO).

IPPF. 2006. *IPPF Framework for Comprehensive Sexuality Education*. London: International Planned Parenthood Federation.

IPPF. 1997. *IPPF Charter Guidelines on Sexual and Reproductive Rights*. London: International Planned Parenthood Federation.

Jamaica Ministry of Education and Youth and Caribbean Consulting Group. 2007. *Health and Family Life Education Curriculum Grades 1-6*. Caribbean Consulting Group. Brooklyn: Caribbean Consulting Group.

Jamaica Ministry of Education and Youth and Caribbean Consulting Group. 2007. *Health and Family Life Education Curriculum Grades 7-9*. Brooklyn: Caribbean Consulting Group.

Mercy Corps. November 2007. *Commitment to Practice: A Playbook for Practitioners in HIV, Youth and Sport*. Portland: Mercy Corps.

New York City Department of Education. 2005. *HIV/AIDS Curriculum Overview*. New York: New York City Department of Education.

PATH. 2006. *Tuko Pamoja: A Guide for Talking with Young People about their Reproductive Health*. Nairobi: Programme for Appropriate Technology in Health.

Senderowitz, J., Kirby, D. 2006. *Standards for Curriculum-Based Reproductive Health and HIV Education Programmes*. Washington, DC: Family Health International.

SIECUS. 2006. *Establishing National Guidelines for Comprehensive Sexuality Education: Lessons and Inspiration from Nigeria*. New York: SIECUS.

SIECUS. 2000. *Developing Guidelines for Comprehensive Sexuality Education*. New York: SIECUS.

State of New Jersey Department of Education. 2006. *New Jersey Core Curriculum Content Standards for Comprehensive Health and Physical Education*. Trenton: State of New Jersey Department of Education.

Svenson, G. R. 1998. *European Guidelines for Youth AIDS Peer Education*, Malmo. Brussels: European Commission.

UNAIDS. 2007. *Practical Guidelines for Intensifying HIV Prevention: Towards Universal Access*. Geneva: UNAIDS.

UNESCO. 2005. *Reducing HIV/AIDS Vulnerability Among Students in the School Setting: A Teacher Training Manual*. Bangkok: UNESCO.

UNESCO IBE. 2006. *Manual for Integrating HIV and AIDS Education in School Curricula*. Geneva: International Bureau of Education/UNESCO.

Online articles and PowerPoint presentations

Asian Pacific Resource and Research Centre for Women. 2005. *Arrows for Change: Women's, Gender and Rights Perspectives in Health Policies and Programmes*. Vol. 11 Bumper Issue. Kuala Lumpur: ARROW.

Chingandu, L. 2008. *Multiple Concurrent Partnerships: The story of Zimbabwe—Are small houses a key driver?* Zimbabwe: Southern Africa HIV and AIDS Information Dissemination Service. <http://www.comminit.com/en/node/278405/38>

Chinvarasopak, W. 2008. *Teachers and Sex: Uneasy Bedfellows? The Experience of the Teenpath Project*, PowerPoint presentation at the International AIDS Conference, Mexico City, August 3-8, 2008. <http://www.aids2008.org/Pag/ppt/TUSAT2403.ppt>

Delaney, M. G. 2008. *Prevention through Education*, PowerPoint presentation at the 1st Meeting of Ministers of Health and Education to Stop HIV in Latin America and the Caribbean, Mexico City, August 1, 2008. <http://www.aids2008.org/Pag/ppt/TUSAT2404.ppt>

Exchange Magazine. 2008. *Gender Violence, HIV and AIDS*. Exchange on HIV/AIDS, sexuality and gender. No. 3. Amsterdam: Royal Tropical Institute. <http://www.kit.nl/smartsite.shtml?ch=FAB&id=10488&issuelD=3&Year=2008>

Family Health International. 2007. *New Websites Make Information About Youth More Accessible*. Durham: Family Health International. <http://www.fhi.org/NR/rdonlyres/e6k4h7j3p5euhcx43e55pdsqxx2746tzd2hots7j5iyr6pv4cnbhjoqwyf6dc64ebf6yredaqhazf/YL23e.pdf>

Hearst, N. 2007. *AIDS Prevention in Generalized Epidemics: What Works?* Senate Testimony, December 11, 2007. http://help.senate.gov/Hearings/2007_12_11/Hearst.pdf

IRIN Plus News. 2008. *South Africa: Sex Education—The Ugly Stepchild in Teacher Training*, IRIN Plus News, 22 May 2008. <http://www.plusnews.org/Report.aspx?ReportId=78357> .

IRIN Plus News. 2008. *Mind Your Language: A Short Guide to HIV/AIDS Slang*, IRIN Plus News, 18 June 2008. <http://www.irinnews.org/Report.aspx?ReportId=78809>

IRIN Plus News. 2008. *Kenya: More Education Equals Less Teen Pregnancy and HIV*, IRIN Plus News, 25 July. <http://www.irinnews.org/report.aspx?ReportID=79456>

Kaiser Daily Health Policy Report. 2008. *HIV/AIDS Hinders Children's Access to Education*, UNDP Official Says. Kaiser Daily Health Policy Report, June 16 2008. http://www.kaisernetwork.org/daily_reports/rep_index.cfm?DR_ID=52746

Kaiser Daily HIV/AIDS Report. 2008. *HIV/AIDS Campaign Launched In Tanzania To Address Issues of Multiple Sex Partners*. Global Challenges, October 27, 2008. <http://www.medicalnewstoday.com/articles/127122.php>

- Kamugisha, N.E. 2007. *An Improved School Environment Contributes to Quality Adolescent Sexual and Reproductive Health*. PowerPoint presentation, Kampala, Uganda: Straight Talk Foundation. http://www.jhsph.edu/gatesinstitute/_pdf/policy_practice/adolhealth/presentations/.../3C_Namayanja_Improved%20School%20Environment.pdf
- Kirby, D. 2008. *Abstinence and Comprehensive Sex/HIV Education Programmes: Their Impact on Behaviour in Developed and Developing Countries*. Powerpoint presentation at the International AIDS Conference, Mexico City, August 3-8, 2008. <http://www.aids2008.org/Pag/ppt/TUSY0301.ppt>
- Knerr, W., Philpott, A. 2008. *Global Mapping of Pleasure: A directory of organizations, programmes, media and people who eroticize safer sex*. Oxford: The Pleasure Project. [http://www.thepleasureproject.org/content/File/Global%20Mapping%20of%20Pleasure_2nd%20Ed_lo%20res\(1\).pdf](http://www.thepleasureproject.org/content/File/Global%20Mapping%20of%20Pleasure_2nd%20Ed_lo%20res(1).pdf)
- Maticka-Tyndale, E. 2008. *Sustainability of Gains Made in a Primary School HIV Prevention Programme in Kenya into the Secondary School Years*. PowerPoint presentation at the Investing in Young People's Health and Development Conference, Abuja, Nigeria, April 27-29. http://www.jhsph.edu/gatesinstitute/_pdf/policy_practice/adolhealth/presentations/.../3C_Maticka-Tyndale_2ary%20school%20Kenya.pdf
- Mulama, S. 2007. *The Sexuality Education Needs of Teacher Trainees in Kenya*. Lagos: Africa Regional Sexuality Resource Centre. <http://www.arsrc.org/downloads/sldf/FinalReport%20Stella%20Mulama2006.pdf>
- Phamotse, P. 2008. *HIV & AIDS and the Education Sector in Lesotho*. PowerPoint presentation delivered by Chris Castle at the International AIDS Conference, Mexico City, August 3-8, 2008. <http://www.aids2008.org/Pag/ppt/TUSAT2402.ppt>
- Philemon, L. 2008. *Multiple Concurrent Partnerships Make HIV/AIDS A Quagmire*. Guardian/IPP Media, 24 October. <http://kurayangu.com/ipp/guardian/2008/10/24/125038.html>
- Star Schools Project. <http://starschool.brimstone.net/> (accessed June 30, 2008).
- UN. 2008. *New Report Says Some Cultural Factors Influencing Spread of AIDS Are Specific to Africa*. Press release. New York: United Nations. <http://www.thebody.com/content/world/art47245.html>
- UNESCO. 2005. *Adolescence Education: Newsletter for policy makers, programme managers and practitioners*. Vol. 8, No. 1. http://www.unescobkk.org/fileadmin/user_upload/arsh/AEN/AEN_June05.pdf.
- UNICEF *Children and HIV and AIDS* http://www.unicef.org/aids/index_introduction.php.



Appendices

Appendix I

International conventions and agreements relating to sexuality education

United Nations Committee on the Rights of the Child. CRC/GC/2003/4, 1 July 2003. General Comment 4: Adolescent health and development in the context of the Convention on the Rights of the Child (CRC)⁸

“The Committee calls upon States parties to develop and implement, in a manner consistent with adolescents’ evolving capacities, legislation, policies and programmes to promote the health and development of adolescents by (...) (b) providing adequate information and parental support to facilitate the development of a relationship of trust and confidence in which issues regarding, for example, sexuality and sexual behaviour and risky lifestyles can be openly discussed and acceptable solutions found that respect the adolescent’s rights (art. 27 (3));” (CRC/GC/2003/4, para. 16)

“Adolescents have the right to access adequate information essential for their health and development and for their ability to participate meaningfully in society. It is the obligation of States parties to ensure that all adolescent girls and boys, both in and out of school, are provided with, and not denied, accurate and appropriate information on how to protect their health and development and practise healthy behaviours. This should include information on the use and abuse, of tobacco, alcohol and other substances, safe and respectful social and sexual behaviours, diet and physical activity.” (CRC/GC/2003/4, para 26)

United Nations Committee on Economic, Social and Cultural Rights. E/C.12/2000/4, 11 August 2000. Substantive issues arising in the implementation of the international covenant on economic, social and cultural rights. General Comment 14⁹

“The Committee interprets the right to health, as defined in article 12.1, as an inclusive right extending not only to timely and appropriate health care but also to the underlying determinants of health, such as [...] access to health-related education and information, including on sexual and reproductive health.” (E/C.12/2000/4, para. 11)

“By virtue of article 2.2 and article 3, the Covenant proscribes any discrimination in access to health care and underlying determinants of health, as well as to means and entitlements for their procurement, on the grounds of race, colour, sex, language, religion, political or other opinion, national or social origin, property, birth, physical or mental disability, health status (including HIV/AIDS), sexual orientation and civil, political, social or other status, which has the intention or effect of nullifying or impairing the equal enjoyment or exercise of the right to health.(...)” (E/C.12/2000/4, para. 18)

“To eliminate discrimination against women, there is a need to develop and implement a comprehensive national strategy for promoting women’s right to health throughout their life span. Such a strategy should include interventions aimed at the prevention and treatment of diseases affecting women, as well as policies to provide access to a full range of high quality and affordable health care, including sexual and reproductive services. A major goal should be reducing women’s health risks, particularly lowering

8 UN. 2003. United Nations Committee on the Rights of the Child. General Comment 4: Adolescent health and development in the context of the Convention on the Rights of the Child (CRC). CRC/GC/2003/4. New York: UN. See also: UN. 1989. United Nations Convention on the Rights of the Child. New York: UN.

9 UN. 2000. United Nations Committee on Economic, Social and Cultural Rights. Substantive issues arising in the implementation of the international covenant on economic, social and cultural rights. General Comment No. 14. E/C.12/2000/4. New York: UN.

rates of maternal mortality and protecting women from domestic violence. The realization of women's right to health requires the removal of all barriers interfering with access to health services, education and information, including in the area of sexual and reproductive health. It is also important to undertake preventive, promotive and remedial action to shield women from the impact of harmful traditional cultural practices and norms that deny them their full reproductive rights." (E/C.12/2000/4, para. 21)

United Nations Convention on the Rights of Persons with Disabilities. A/61/611, 6 December, 2006. Article 25 – Health¹⁰

"States Parties recognize that persons with disabilities have the right to the enjoyment of the highest attainable standard of health without discrimination on the basis of disability. States Parties shall take all appropriate measures to ensure access for persons with disabilities to health services that are gender-sensitive, including health-related rehabilitation. In particular, States Parties shall:

- (a) Provide persons with disabilities with the same range, quality and standard of free or affordable health care and programmes as provided to other persons, including in the area of sexual and reproductive health and population-based public health programmes..."

International Conference on Population and Development (ICPD) Programme of Action (POA)¹¹

"All countries should strive to make accessible through the primary health-care system, reproductive health to all individuals of appropriate ages as soon as possible and no later than the year 2015. Reproductive health care in the context of primary health care should, inter alia, include: family-planning counselling, information, education, communication and services; education and services for prenatal care, safe delivery and post-natal care, especially breast-feeding and infant and women's health care; prevention and appropriate treatment of infertility; abortion as specified in paragraph 8.25, including prevention of abortion and the management of the consequences of abortion; treatment of reproductive tract infections; sexually transmitted diseases and other reproductive health conditions; and information, education and counselling, as appropriate,

on human sexuality, reproductive health and responsible parenthood." (ICPD POA, para. 7.6)

"Innovative programmes must be developed to make information, counselling and services for reproductive health accessible to adolescents and adult men. Such programmes must both educate and enable men to share more equally in family planning and in domestic and child-rearing responsibilities and to accept the major responsibility for the prevention of sexually transmitted diseases. Programmes must reach men in their workplaces, at home and where they gather for recreation. Boys and adolescents, with the support and guidance of their parents, and in line with the Convention on the Rights of the Child, should also be reached through schools, youth organizations and wherever they congregate. Voluntary and appropriate male methods for contraception, as well as for the prevention of sexually transmitted diseases, including AIDS, should be promoted and made accessible with adequate information and counselling." (ICPD POA, para. 7.9)

"The objectives are: (a) To promote adequate development of responsible sexuality, permitting relations of equity and mutual respect between the genders and contributing to improving the quality of life of individuals; (b) To ensure that women and men have access to the information, education and services needed to achieve good sexual health and exercise their reproductive rights and responsibilities." (ICPD POA, para. 7.36)

"Support should be given to integral sexual education and services for young people, with the support and guidance of their parents and in line with the Convention on the Rights of the Child, that stress responsibility of males for their own sexual health and fertility and that help them exercise those responsibilities. Educational efforts should begin within the family unit, in the community and in the schools at an appropriate age, but must also reach adults, in particular men, through non-formal education and a variety of community-based efforts. (ICPD POA, para. 7.37)

"In the light of the urgent need to prevent unwanted pregnancies, the rapid spread of AIDS and other sexually transmitted diseases, and the prevalence of sexual abuse and violence, Governments should base national policies on a better understanding of the need for responsible human sexuality and the realities of current sexual behaviour." (ICPD POA, para. 7.38)

10 UN. 2006. United Nations Convention on the Rights of Persons with Disabilities. A/61/611. New York: UN.

11 UN. 1994. International Conference on Population and Development. Programme of Action. New York: UN.

“Recognizing the rights, duties and responsibilities of parents and other persons legally responsible for adolescents to provide, in a manner consistent with the evolving capacities of the adolescent, appropriate direction and guidance in sexual and reproductive matters, countries must ensure that the programmes and attitudes of health-care providers do not restrict the access of adolescents to appropriate services and the information they need, including on sexually transmitted diseases and sexual abuse. In doing so, and in order to, inter alia, address sexual abuse, these services must safeguard the rights of adolescents to privacy, confidentiality, respect and informed consent, respecting cultural values and religious beliefs. In this context, countries should, where appropriate, remove legal, regulatory and social barriers to reproductive health information and care for adolescents.” (ICPD POA, para. 7.45)

“Countries, with the support of the international community, should protect and promote the rights of adolescents to reproductive health education, information and care and greatly reduce the number of adolescent pregnancies.” (ICPD POA, 7.46)

“Governments, in collaboration with non-governmental organizations, are urged to meet the special needs of adolescents and to establish appropriate programmes to respond to those needs. Such programmes should include support mechanisms for the education and counselling of adolescents in the areas of gender relations and equality, violence against adolescents, responsible sexual behaviour, responsible family-planning practice, family life, reproductive health, sexually transmitted diseases, HIV infection and AIDS prevention. Programmes for the prevention and treatment of sexual abuse and incest and other reproductive health services should be provided. Such programmes should provide information to adolescents and make a conscious effort to strengthen positive social and cultural values. Sexually active adolescents will require special family-planning information, counselling and services, and those who become pregnant will require special support from their families and community during pregnancy and early child care. Adolescents must be fully involved in the planning, implementation and evaluation of such information and services with proper regard for parental guidance and responsibilities.” (ICPD POA, para. 7.47)

“Programmes should involve and train all who are in a position to provide guidance to adolescents concerning responsible sexual and reproductive behaviour, particularly parents and families, and also communities, religious institutions, schools, the mass media and peer groups. Governments and non-governmental

organizations should promote programmes directed to the education of parents, with the objective of improving the interaction of parents and children to enable parents to comply better with their educational duties to support the process of maturation of their children, particularly in the areas of sexual behaviour and reproductive health.” (ICPD POA, 7.48)

United Nations. A/S-21/5/Add.1, 1 July 1999. Overall review and appraisal of the implementation of the Programme of Action of the International Conference on Population and Development (ICPD + 5)¹²

“Governments, in collaboration with civil society, including non-governmental organizations, donors and the United Nations system, should: (a) Give high priority to reproductive and sexual health in the broader context of health-sector reform, including strengthening basic health systems, from which people living in poverty in particular can benefit; (b) Ensure that policies, strategic plans, and all aspects of the implementation of reproductive and sexual health services respect all human rights, including the right to development, and that such services meet health needs over the life cycle, including the needs of adolescents, address inequities and inequalities due to poverty, gender and other factors and ensure equity of access to information and services; (c) Engage all relevant sectors, including non-governmental organizations, especially women’s and youth organizations and professional associations, through ongoing participatory processes in the design, implementation, quality assurance, monitoring and evaluation of policies and programmes, in ensuring that sexual and reproductive health information and services meet people’s needs and respect their human rights, including their right to access to good-quality services; Develop comprehensive and accessible health services and programmes, including sexual and reproductive health, for indigenous communities with their full participation that respond to the needs and reflect the rights of indigenous people; [...]” (A/S-21/5/Add.1, para. 52(a)-(d))

United Nations Fourth World Conference on Women (FWCW) Platform for Action (PFA)¹³

“The human rights of women include their right to have control over and decide freely and responsibly on matters related to their sexuality, including sexual and

¹² UN. 1999. Overall Review and Appraisal of the Implementation of the Programme of Action of the International Conference on Population and Development. A/S-21/5/Add.1. New York: UN.

¹³ UN. 1995. United Nations Fourth World Conference on Women. Platform for Action. New York: UN.

reproductive health, free of coercion, discrimination and violence. Equal relationships between women and men in matters of sexual relations and reproduction, including full respect for the integrity of the person, require mutual respect, consent and shared responsibility for sexual behaviour and its consequences.” (FWCW PFA, para. 96)

“Actions to be taken by Governments, international bodies including relevant United Nations organizations, bilateral and multilateral donors and non-governmental organizations [...] (k) Give full attention to the promotion of mutually respectful and equitable gender relations and, in particular, to meeting the educational and service needs of adolescents to enable them to deal in a positive and responsible way with their sexuality;” (FWCW PFA, para. 108(k) and A/S-21/5/Add.1, para. 71(j))

“Actions to be taken by Governments, in cooperation with non-governmental organizations, the mass media, the private sector and relevant international organizations, including United Nations bodies, as appropriate [...] (g) Recognize the specific needs of adolescents and implement specific appropriate programmes, such as education and information on sexual and reproductive health issues and on sexually transmitted diseases, including HIV/AIDS, taking into account the rights of the child and the responsibilities, rights and duties of parents as stated in paragraph 107 (e) above;” (FWCW PFA, para. 107(g))

United Nations. A/RES/S-26/2, 2 August 2001. General Assembly Special Session on HIV/AIDS, Declaration of Commitment on HIV/AIDS¹⁴

“We, the Heads of State and Government and Representatives of Heads of State and Government, solemnly declare our commitment to address the HIV/AIDS crisis by taking action as follows [...] By 2003, develop and/or strengthen strategies, policies and programmes, which recognize the importance of the family in reducing vulnerability, inter alia, in educating and guiding children and take account of cultural, religious and ethical factors, to reduce the vulnerability of children and young people by: ensuring access of both girls and boys to primary and secondary education, including on HIV/AIDS in curricula for adolescents; ensuring safe and secure environments, especially for young girls; expanding good quality youth-friendly information and sexual health education and counselling service; strengthening reproductive

and sexual health programmes; and involving families and young people in planning, implementing and evaluating HIV/AIDS prevention and care programmes, to the extent possible;” (para. 63)

More general references may also include:

- The 2000 Education for All (EFA) Dakar Framework for Action¹⁵ stresses in one of its six goals that youth-friendly programmes must be made available to provide the information, skills, counselling and services needed to protect young people from the risks and threats that limit their learning opportunities and challenge education systems, such as school-age pregnancy and HIV and AIDS.
- EDUCAIDS¹⁶, the UNAIDS initiative for a comprehensive education sector response to HIV and AIDS that is led by UNESCO, recommends that HIV and AIDS curricula in schools “begin early, before the onset of sexual activity”, “build knowledge and skills to adopt protective behaviours and reduce vulnerability”, and “address stigma and discrimination, gender inequality and other structural drivers of the epidemic”.
- The World Health Organization¹⁷ (WHO, 2004) concludes that it is critical that sexuality education be started early, particularly in developing countries, because girls in the first classes of secondary school face the greatest risk of the consequences of sexual activity, and beginning sexuality education in primary school also reaches students who are unable to attend secondary school. Guidelines from the WHO Regional Office for Europe call on Member States to ensure that education on sexuality and reproduction is included in all secondary school curricula and is comprehensive.¹⁸
- UNAIDS¹⁹ has concluded that the most effective approaches to sexuality education begin with educating young people before the onset of sexual activity.²⁰ UNAIDS recommends that HIV prevention programmes: be comprehensive, high quality and evidence-informed; promote gender equality and address gender norms and relations; and include accurate and explicit information about safer sex, including correct and consistent male and female condom use.

¹⁴ UN. 2001. United Nations General Assembly Special Session on HIV/AIDS. Declaration of Commitment on HIV/AIDS. A/RES/S-26/2. New York: UN.

¹⁵ UNESCO. 2000. Dakar Framework for Action: Education for All. Meeting Our Collective Commitments. Paris, UNESCO.

¹⁶ UNESCO. 2008. EDUCAIDS Framework for Action. Paris: UNESCO.

¹⁷ WHO. 2004. Adolescent Pregnancy Report. Geneva: WHO

¹⁸ WHO. 2001. WHO Regional Strategy on Sexual and Reproductive Health. Copenhagen: WHO, Regional Office for Europe.

¹⁹ UNAIDS. 2005. Intensifying HIV Prevention, supra note 26, at 33. Geneva: UNAIDS.

²⁰ UNAIDS. 1997. Impact of HIV and Sexual Health on the Sexual Behaviour of Young People: A Review Update 27. Geneva: UNAIDS.

Appendix II

Interview schedule and methodology

The consultant interviewed key stakeholders/informants to document best practice with developing and implementing formal school-based sexuality education programmes and curricula in developing countries, particularly in sub-Saharan Africa. However, information about developing particularly innovative approaches existing in Europe and North America has also been included.

In general,

- A) Key informants were initially contacted by phone and/or email, and interviews were requested.
- B) Once they agreed to participate, and gave their informed consent, they were emailed a semi-structured interview guide so that they could prepare in advance, or choose to type up their responses.
- C) Arrangements were made to call the respondents at an agreed upon date and time.
- D) Respondents were contacted, questions were asked during a semi-structured phone or face-to-face interview, and their responses were then recorded, transcribed and compiled as background information for development of the working draft of the International Technical Guidance on Sexuality Education.

A total of 11 in-depth interviews were conducted with a set of pre-determined questions using a semi-structured interview guide. The tool was developed to help document best practice with developing and implementing formal school-based sexuality education programmes and curricula. Interview questions on the semi-structured questionnaire were intentionally designed to be open-ended, and interviews with key informants were loosely structured to encourage free flow of information and ideas, and to maximise focus on their area(s) of specialisation, while eliciting their feedback and response.

Eight of the interviews were completed by phone, and one by a face-to-face interview. Two of the informants preferred writing their responses instead of the phone interview, and two informants submitted written responses as supplemental information to their phone interviews. The phone interviews ranged in duration from one half hour to two and a half hours.

In addition, four more informal interviews were conducted with informants not on the key informant contact list because they were thought to have particular insight and/or experience that might be helpful. They included: Novia Condell, UNICEF Jamaica; Shirley Oliver-Miller, Independent Adolescent Reproductive and Sexual Health Consultant; Bill Finger and Karah Fazekas of Family Health International (FHI). Although helpful, information provided was more limited in scope; thus, their responses were not transcribed and compiled with the other key informant interviews.

Semi-structured interview questionnaire schedule

1. What has been your experience with developing and implementing sexuality education programmes in schools or in the formal education sector?
2. What has presented challenges?
3. What has been successful; what has worked?
4. What are the most important elements of quality sexuality education programmes?
5. What is the best way for Ministries of Education to work with schools to get them to promote and implement comprehensive sexuality education approaches?
6. How can we move schools and communities towards comprehensive sexuality education verses abstinence-only-until-marriage approaches?
7. What is (are) the best school-based sexuality education programme(s) you know about?
8. How should the programme be taught (what are the entry points) in schools (e.g., as a separate subject, along with a carrier subject, or integrated throughout the curriculum)?
9. What is the best process (or most promising practises) for ministries of education to undertake when developing and implementing a sexuality education programmes in schools?
10. What is important to include in an International Technical Guidance document for ministers and policy-makers that will help them implement quality programmes?

Appendix III

People contacted and key informant details

Name, Title and Affiliation	Country/Region	Area(s) of Expertise
Maria Bakaroudis Independent Consultant	Malawi	Research and technical support
Sanja Cesar Programme Manager, Centre for Education, Counselling and Research	Croatia	Implementation and advocacy
Esther Corona Mexican Association for Sex Education and World Association for Sexual Health	Mexico and Latin America	Implementation and advocacy
Akinyele Dairo UNFPA	Sub-Saharan Africa	Implementation and technical support
Nike Esiet Executive Director, Action Health, Inc. (AHI)	Nigeria	Implementation and advocacy
Christopher Graham Jamaica Ministry of Education	Jamaica and the Caribbean	Implementation and advocacy
Helen Mondoh Professor of Education, Egerton University	Kenya	Implementation and research
Lisa Mueller Programme for Appropriate Technology in Health (PATH)	Botswana, China, Ghana and the United Republic of Tanzania	Implementation and technical support
Tajudeen Oyewale UNICEF	Nigeria	Research and implementation
Jenny Renju Liverpool School of Tropical Medicine, National Institute for Medical Research Tanzania	United Republic of Tanzania	Implementation and advocacy

Appendix IV

List of participants

in the UNESCO global technical consultation on sex, relationships and HIV/STI education, 18-19 February 2009, San Francisco, USA

Prateek Awasthi

UNFPA
Sexual and Reproductive Health Branch
Technical Division
220 East 42nd Street
New York, New York 10017, USA
<http://www.unfpa.org/adolescents/>

Arvin Bhana

Child, Youth, Family & Social Development
Human Sciences Research Council (HSRC)
Private Bag X07
Dalbridge, 4014, South Africa
<http://www.hsrc.ac.za/CYFSD.phtml>

Chris Castle

UNESCO
Section on HIV and AIDS
Division for the Coordination of UN Priorities in
Education
7, place de Fontenoy 75352 Paris, France
<http://www.unesco.org/aids>

Dhianaraj Chetty

Action Aid International
Post Net suite # 248
Private bag X31 Saxonwold 2132
Johannesburg, South Africa
<http://www.actionaid.org/main.aspx?PageID=167>

Esther Corona

Mexican Association for Sex Education/World
Association for Sexual Health (WAS)
Av de las Torres 27 B 301
Col Valle Escondido, Delegación Tlalpan México
14600 D.F., Mexico
esthercoronav@hotmail.com
<http://www.worldsexology.org/>

Mary Guinn Delaney

UNESCO Santiago
Enrique Delpiano 2058
Providencia
Santiago, Chile
<http://www.unesco.org/santiago>

Nanette Ecker

nanetteecker@verizon.net
<http://www.siecus.org/>

Nike Esiet

Action Health, Inc. (AHI)
17 Lawal Street
Jibowu, Lagos, Nigeria
<http://www.actionhealthinc.org/>

Peter Gordon

Basement Flat
27a Gloucester Avenue
London NW1 7AU, United Kingdom

Christopher Graham

HIV and AIDS Education Guidance and Counselling
Unit, Ministry of Education
37 Arnold Road
Kingston 5, Jamaica

Nicole Haberland

Population Council USA
One Dag Hammarskjöld Plaza
New York, NY 10017, USA
<http://www.popcouncil.org/>

Sam Kalibala

Population Council Kenya
Ralph Bunche Road
General Accident House, 2nd Floor
P.O. Box 17643-00500, Nairobi, Kenya
<http://www.popcouncil.org/africa/kenya.html>

Douglas Kirby

ETR Associates
4 Carbonero Way,
Scotts Valley, CA 95066, USA
<http://www.etrassociates.org/>

Wenli Liu

Research Center for Science Education
Beijing Normal University
#19, Xijiekouwaidajie
Beijing, 100875, China

Elliot Marseille

Health Strategies International
1743 Carmel Drive #26
Walnut Creek, CA 94596, USA

Helen Omondi Mondoh

Egerton University
P.O BOX 536
Egerton-20115, Kenya

Prabha Nagaraja

Talking About Reproductive and Sexual Health Issues
(TARSHI)
11, Mathura Road, 1st Floor, Jangpura B
New Delhi 110014, India
<http://www.tarshi.net/>

Hans Olsson

The Swedish Association for Sexuality Education
Box 4331, 102 67
Stockholm, Sweden
<http://www.rfsu.se/>

Grace Osakue

Girls' Power Initiative (GPI) Edo State
67 New Road, Off Amadasun Street,
Upper Ekenwan Road, Ugbiyoko,
P.O.Box 7400, Benin City, Nigeria
<http://www.gpinigeria.org/>

Jo Reinders

World Population Foundation
Vinkenburgstraat 2A
3512 AB Utrecht, Holland
<http://www.wpf.org/>

Sara Seims

Population Program
The William and Flora Hewlett Foundation
2121 Sand Hill Road
Menlo Park, CA 94025, USA
<http://www.hewlett.org/Programs/Population/>

Ekua Yankah

UNESCO
Section on HIV and AIDS
Division for the Coordination of UN Priorities in
Education
7, place de Fontenoy 75352 Paris, France
<http://www.unesco.org/aids>

Appendix V

Bibliography of resources

This bibliography of teaching materials was developed to accompany the *International Technical Guidance on Sexuality Education*. It is composed of existing, high quality sexuality education curricula, curriculum guides and teacher training manuals from around the world. The bibliography is intended to serve as a practical reference for curriculum developers, programme planners, school principals and teachers. The resources were selected based on the following criteria established at an expert technical consultation in February 2009:

- Contributes towards comprehensive sexuality education curricula, curriculum guides or teacher training manuals
- Evaluated or recommended by experts
- Recently published (1998-2009) with accurate, up-to-date information reflecting latest “state-of-the-art” knowledge
- Targeted to learners or educators, particularly at the primary and secondary school level, but also including the tertiary level
- Available in English, French, Spanish or Portuguese

Updated versions of this resource list and their annotations can be found on the UNESCO HIV and AIDS Education Clearinghouse website <http://hivaidsclearinghouse.unesco.org>.

Note: The inclusion of resources in this bibliography does not represent an endorsement by UNESCO and the other UN partner organizations involved in the development of the *International Technical Guidance*.

Guidelines and Guiding Principles

Common ground: principles for working on sexuality

Produced by: Talking About Reproductive and Sexual Health Issues (TARSHI)

Date: 2001

Access: To order a copy, please contact tarshiweb@tarshi.net or tarshi@vsnl.com

From evidence to action: advocating for comprehensive sexuality education

Produced by: International Planned Parenthood Federation (IPPF)

Date: 2009

Access: Can be downloaded online from www.ippf.org/en/Resources/Guides-toolkits/From+evidence+to+action+advocating+for+comprehensive+sexuality+education.htm

(Free Adobe Acrobat Reader® software required.)

Guidelines for comprehensive sexuality education in Nigeria

Produced by: Action Health Incorporated and Sexuality Information and Education Council of the United States (SIECUS)

Date: 1996

Access: Can be downloaded online from www.siecus.org/_data/global/images/nigerian_guidelines.pdf

(Free Adobe Acrobat Reader® software required.)

Guidelines for comprehensive sexuality education: kindergarten through 12th grade

Produced by: National Guidelines Task Force and Sexuality Information and Education Council of the United States (SIECUS)

Date: 2004, 3rd edition

Access: Can be downloaded online from www.siecus.org/_data/global/images/guidelines.pdf

(Free Adobe Acrobat Reader® software required.)

IPPF framework for comprehensive sexuality education

Produced by: International Planned Parenthood Federation (IPPF)

Date: 2006

Access: Can be downloaded online from

www.ippf.org/NR/rdonlyres/CE7711F7-C0F0-4AF5-A2D5-1E1876C24928/0/Sexuality.pdf (Free Adobe Acrobat Reader® software required.)

Jamaican guidelines for comprehensive sexuality education: pre-school through age 24

Produced by: Jamaican Task Force Committee for Comprehensive Sexuality Education (Jamaica Family Planning Association (FAMPLAN Jamaica) and Sexuality Information and Education Council of the United States (SIECUS)

Date: 2008

Access: Can be downloaded online from www.siecus.org/_data/global/images/Jamaica%20Guidelines.pdf

(Free Adobe Acrobat Reader® software required.)

Manual for integrating HIV and AIDS education in school curricula

Produced by: United Nations Educational, Scientific and Cultural Organization (UNESCO) International Bureau of Education (IBE)

Date: 2006

Access: Can be ordered (in hard copy or on CD-ROM) free of charge from ibeaid@ibe.unesco.org or downloaded online in five different languages.

English: www.ibe.unesco.org/fileadmin/user_upload/HIV_and_AIDS/publications/IBE_CurrManual_3v_en.pdf

French: www.ibe.unesco.org/fileadmin/user_upload/HIV_and_AIDS/publications/IBE_CurrManual_3v_fr.pdf

Spanish: www.ibe.unesco.org/fileadmin/user_upload/HIV_and_AIDS/publications/Manual_SP.pdf

Russian: www.ibe.unesco.org/fileadmin/user_upload/_temp_/Manual_complete_RUreduced.pdf

Arabic: www.ibe.unesco.org/fileadmin/user_upload/_temp_/Manuel_complet_ARbis.pdf
(Free Adobe Acrobat Reader® software required.)

National health education standards: achieving excellence

Produced by: Joint Committee on National Health Education Standards and American Cancer Society

Date: 2007, 2nd edition

Access: To order a printed book (at the cost of US\$29.95), a CD-ROM (\$19.95) or a downloadable PDF (\$9.95) visit: https://www.cancer.org/docroot/PUB/PUB_0.asp?productCode=F2027.27 or www.cdc.gov/HealthyYouth/SHER/standards/index.htm

Right from the start: guidelines for sexuality issues (birth to five years)

Produced by: Early Childhood Sexuality Education Task Force and Sexuality Information and Education Council of the United States (SIECUS)

Date: 1998

Access: Can be downloaded online from www.siecus.org/_data/global/images/RightFromTheStart.pdf
(Free Adobe Acrobat Reader® software required.)

Sex education at schools

Produced by: Austrian Ministry of Education and Cultural Affairs

Date: 1994

Access: The document is only available online in German. It can be downloaded from www.bmukk.gv.at/schulen/unterricht/prinz/Unterrichtsprinzipien_Se1597.xml (Free Adobe Acrobat Reader® software required.)

Standards for curriculum-based reproductive health and HIV education programs

Produced by: Family Health International (FHI)

Date: 2006

Access: Can be ordered free of charge from youthnetpubs@fhi.org or downloaded online from www.fhi.org/NR/rdonlyres/ea6ev5ygicx2nukyntbvjui35yk55wi5lwnnwkgko3to uyp3a33aiczutoyb6zhxcnwiyc37uxyhg/sexedstandards.pdf (Free Adobe Acrobat Reader® software required.)

Tell Me More! Children's rights and sexuality in the context of HIV/AIDS in Africa

Produced by: Save the Children, Sweden and Swedish Association for Sexuality Education (RFSU)

Date: 2007

Access: The English version can be downloaded online from www.savethechildren.net/alliance/resources/hiv_aids/2007_SCSweden_TellMeMore.pdf (Free Adobe Acrobat Reader® software required.)

Concept sex education for youths: sex education, contraception and family planning

Produced by: Federal Centre for Health Education (Die Bundeszentrale für gesundheitliche Aufklärung, BZgA)

Date: 1999

Access: This publication can be downloaded from www.bzga.de/?uid=0cdce7ce03172b7fba028de802bec1fd&id=medien&sid=72&ab=20.

(Free Adobe Acrobat Reader® software required.)

It can also be obtained free of charge from the following address: BZgA, D-51101 Cologne, Germany or by email: order@bzga.de. Order number: 13006070.

The contemporary management of growing up and sexual maturation: the role of the primary school in Kenya

Produced by: Helen O. Mondoh, Lois W. Chiuri, Johnson M. Changeiywo and Nancy O. Omar

Date: 2006

Access: Can be obtained from the following address: QUESTAFRICA, c/o FORMAT, POB 79, Village Market, 00621 Nairobi, Kenya. Phone: + 254 (20) 675 2866 or by email: questafrica@gmail.com or jeffers@questafrica.org.

Growing up and sexual maturation among the Luo of Kenya: removing barriers to quality education

Produced by: Helen Mondoh, Lois W. Chiuri, Nancy O. Omar, Johnson M. Changeiywo

Date: 2006

Access: Can be ordered from: QUESTAFRICA, c/o FORMAT, POB 79, Village Market, 00621 Nairobi, Kenya.

Phone: + 254 (20) 675 2866 or by email: questafrica@gmail.com or jeffers@questafrica.org

Intervention mapping (IM) toolkit for planning sexuality education programs: using intervention mapping in planning school-based sexual and reproductive health and rights (SRHR) education programs

Produced by: World Population Foundation (WPF) and Maastricht University

Date: 2008

Access: Can be downloaded online from www.wpf.org/documenten/20080729_IMToolkit_July2008.pdf

(Free Adobe Acrobat Reader® software required.)

More information and hard copies of the document can be obtained from: World Population Foundation (WPF), Vinkenburgstraat 2A, 3512 AB Utrecht, The Netherlands. Tel: +31 (30) 23 93 888; Email: j.leerlooijer@wpf.org

RAP-Tool

Produced by: Youth Incentives Programme, Rutgers Nisso Groep

Date: 2007

Access: The tool can be downloaded online from www.youthincentives.org/Downloads

(Free Adobe Acrobat Reader® software required.)

Tool to assess the characteristics of effective sex and STD/HIV education programs

Produced by: Healthy Teen Network and ETR Associates Douglas Kirby, Lori A. Roller and Mary Martha Wilson

Date: 2007

Access: The tool can be downloaded online from: www.healthyteennetwork.org/vertical/Sites/%7BB4D0CC76-CF78-4784-BA7C-5D0436F6040C%7D/uploads/%7BAC34F932-ACF3-4AF7-AAC3-4C12A676B6E7%7D.PDF

(Free Adobe Acrobat Reader® software required.)

A hard copy of this tool can also be ordered for US\$10 at: www.healthyteennetwork.org/index.asp?Type=B_PR&SEC=%7B2AE1D600-4FC6-4B4D-8822-F1D5F072ED7B%7D&DE=%7BB3E92693-FE7D-4248-965F-6AC3471B1E28%7D

A Sexatlas for schools. Sexuality and personal relationships: a guide for the planning and implementation of teaching programmes in this area for primary, junior secondary and senior secondary schools

Produced by: Swedish Association for Sexuality Education (RFSU)

Date: 2004

Access: The guide can be downloaded online from:

English: www.rfsu.se/upload/PDF-Material/sexatlas%20engelska.pdf

French: www.rfsu.se/upload/PDF-Material/atlas_sexuel_des_ecoles.pdf

(Free Adobe Acrobat Reader® software required.)

Sexualities: exploring sexualities as a cultural phenomena

Produced by: Swedish Association for Sexuality Education (RFSU)

Date: 2001

Access: To order the book, please contact: RFSU, Box 4331, 102 67 Stockholm, Sweden.

Phone: + 46 (0)8 692 07 00; Fax: + 46 (0)8 653 08 23; Email: info@rfsu.se

Teacher Training Guides

Basics and beyond: integrating sexuality, sexual and reproductive health and rights.

A manual for trainers

Produced by: Talking About Reproductive and Sexual Health Issues (TARSHI)

Date: 2006

Access: To order a copy, please contact tarshiweb@tarshi.net or tarshi@vsnl.com

Comprehensive sexuality education: trainers' resource manual

Produced by: Action Health Incorporated

Date: 2003

Access: The document can be ordered for free from Action Health Incorporated publications by sending an email to: library@actionhealthinc.org

Learning about living: the electronic version of FLHE. North Nigeria, Version 1.1. Teachers Manual 2009

Produced by: One World UK; Butterfly Works; Action Health Incorporated and the Nigerian Educational Research and Development Council (NERDC)

Date: 2009

Access: The electronic version is available at: www.learningaboutliving.org/north

For more information about this programme, please email: info@learningaboutliving.org

National Family Life and HIV Education: teachers guide in basic science and technology

Produced by: Nigerian Educational Research and Development Council (NERDC) with the support of UNICEF

Date: 2006

Access: To order a copy, contact: NERDC Headquarters, Lokoja - Kaduna Road, Sheda, P.M.B. 91 Federal Capital Territory, Abuja, Nigeria. Or visit www.nerdcnigeria.org

Curricula

Activity book: Beacon Schools

Produced by: Health Communication Partnership (HCP), Ethiopia

Date: 2005

Access: Can be downloaded online from the Johns Hopkins Bloomberg School of Public Health's Center for Communication Programs:

English www.jhuccp.org/legacy/countries/ethiopia/PLETH178.pdf

Amharic www.jhuccp.org/legacy/countries/ethiopia/PLETH179.pdf

Oromifa www.jhuccp.org/legacy/countries/ethiopia/PLETH180.pdf

(Free Adobe Acrobat Reader® software required.)

Becoming a responsible teen (BART): an HIV risk-reduction program for adolescents

Produced by: ETR Associates and Janet S. St. Lawrence

Date: 2005, revised edition

Access: The manual can be ordered for US\$54.95 from ETR Associates online at <http://pub.etr.org/> or by mail: ETR Associates, 4 Carbonero Way, Scotts Valley, CA 95066, USA. Phone: +1 (800) 321-4407;

Fax: +1 (800) 435-8433. Two optional videos Seriously Fresh and Are You With Me? can be ordered for \$65 each from Select Media Publishing online at www.selectmedia.org or by mail: Select Media, Inc., POB 1084, Harriman, NY 10926, USA.

Chela

Produced by: Phoenix Publishers Ltd., Helen O. Mondoh, Owen McOnyango, Lucas A. Othuon, Violet Sikenyi and Johnson M. Changeiywo

Date: 2006

Access: To order the books, visit www.phoenixpublishers.co.ke/order.php or write to Phoenix Publishers Ltd., Kijabe Street, Nairobi, POB 18650-00500, Kenya.

Choose a future! Issues and options for adolescent boys and girls in India

Produced by: The Centre for Development and Population Activities (CEDPA)

Date: 2004 and 2003, updated edition

Access: More information on the programme can be obtained from the Centre for Development and Population Activities (CEDPA), 1133 21st Street NW, Suite 800, Washington DC 20036, USA.

Phone: + 1 (202) 939-2612; Fax: + 1 (202) 332-4496; www.cedpa.org or from CEDPA/India, C-1 Hauz Khas, New Delhi – 110016, India; Email: agogoi@cedpaindia.org

Draw the line/respect the line: setting limits to prevent HIV, STD and pregnancy

Produced by: Center for AIDS Prevention Studies/University of California and ETR Associates

Date: 2003

Access: The manuals can be ordered for US\$21 each from ETR Associates online at <http://pub.etr.org/> or by mail: ETR Associates, 4 Carbonero Way, Scotts Valley, CA 95066, USA. Phone: + 1 (800) 321-4407; Fax: + 1 (800) 435-8433.

Facilitating school-based co-curricular activities on HIV and AIDS. Students and teachers learning for an HIV free generation

Produced by: Federal Ministry of Education, Nigeria and Action Health Incorporated

Date: 2007

Access: For enquiries please contact: library@actionhealthinc.org

Family life and HIV education for junior secondary schools

Produced by: Action Health Incorporated (in partnership with the Lagos State Ministry of Education, Nigeria).

Published by Spectrum Books Limited.

Date: 2007

Access: The documents can be ordered free of charge from Action Health Incorporated publications by sending an email to: library@actionhealthinc.org

Focus on youth: an HIV prevention program for African-American youth

Produced by: ETR Associates

Date: 2009

Access: Can be ordered for US\$59.95 from ETR Associates online at <http://pub.etr.org/> or by mail: ETR Associates, 4 Carbonero Way, Scotts Valley, CA 95066, USA. Phone: +1 (800) 321-4407; Fax: +1 (800) 435-8433.

Good things for young people: reproductive health education for primary schools

Produced by: MEMA kwa Vijana (Tanzanian Ministries of Health and Education, the Tanzania National Institute for Medical Research (NIMR), the African Medical and Research Foundation (AMREF) and the London School of Hygiene and Tropical Medicine (LSHTM))

Date: 2004

Access: Can be downloaded online as follows:

Teacher's Guide for Standard 5: www.memakwavijana.org/pdfs/Teachers-Guide-Std-5-English.pdf

Teacher's Guide for Standard 6: www.memakwavijana.org/pdfs/Teachers-Guide-Std-6-English.pdf

Teacher's Guide for Standard 7: www.memakwavijana.org/pdfs/Teachers-Guide-Std-7-English.pdf

Teacher's Resource Book: www.memakwavijana.org/pdfs/Teachers-Resource-Book.pdf

(Free Adobe Acrobat Reader® software required.)

For details of how to obtain the Swahili language version, contact Annabelle.South@lshtm.ac.uk

Let us protect our future. A comprehensive sexuality education approach to HIV/STDS and pregnancy prevention

Produced by: Select Media

Date: 2009

Access: Forthcoming in autumn 2009

Making proud choices! A safer-sex approach to HIV/STDs and teen pregnancy prevention

Produced by: Select Media, Loretta Sweet Jemmott; John B. Jemmott, and Konstance A. McCaffree

Date: 2006, 3rd edition

Access: The basic package of the document can be ordered for US\$145.00 (the complete package including the four optional videos costs \$535.00) from Select Media Publishing online at <http://selectmedia.org/customer-service/evidence-based-curricula/making-proud-choices/> or by mail: Select Media, Inc., POB 1084, Harriman, NY 10926, USA.

My future is my choice

Produced by: The Youth Health and Development Programme, UNICEF, Government of Namibia, University of Maryland School of Medicine

Date: 1999 and 2001

Access: The documents can be downloaded online from www.unicef.org/lifeskills/index_14926.html (Free Adobe Acrobat Reader® software required.)

National Family Life and HIV Education Curriculum for junior secondary schools in Nigeria

Produced by: Nigerian Educational Research and Development Council (NERDC), Federal Ministry of Education of Nigeria, Universal Basic Education (UBE) and Action Health Incorporated

Date: 2003

Access: The document can be downloaded online from www.actionhealthinc.org/publications/downloads/jnrcurriculum.pdf (Free Adobe Acrobat Reader® software required.)

Our future: sexuality and life skills education for young people

Produced by: International HIV/AIDS Alliance

Date: 2007

Access: The three books can be ordered free of charge from mail@aidsalliance.org or downloaded online from:
www.aidsalliance.org/graphics/secretariat/publications/Our_Future_Grades_4-5.pdf
www.aidsalliance.org/graphics/secretariat/publications/Our_Future_Grades_6-7.pdf
www.aidsalliance.org/graphics/secretariat/publications/Our_Future_Grades_8-9.pdf
(Free Adobe Acrobat Reader® software required.)

Our whole lives: sexuality education

Produced by: Unitarian Universalist Association of Congregations (UUA)

Dates: 1999 and 2000

Access: The manuals can be ordered at a cost of between US\$40 and \$75 each from UUA bookstore online at www.uua.org/religiouseducation/curricula/ourwhole/ or by mail: Unitarian Universalist Association of Congregations, 25 Beacon Street, Boston, MA 02108, USA. Phone: +1 (617) 742-2100; Fax: +1 (617) 723-4805.

Project H: working with young men series

Produced by: Instituto Promundo, Pan American Health Organization (PAHO) and World Health Organization (WHO)

Date: 2002

Access: The manuals can be ordered free of charge from promundo@promundo.org.br or downloaded online from

(Free Adobe Acrobat Reader® software required.)

English: www.promundo.org.br/396?locale=en_US

Spanish: www.promundo.org.br/352?locale=pt_BR

Portuguese: www.promundo.org.br/396?locale=pt_BR

Program M. Working with young women: empowerment, rights and health

Produced by: Instituto Promundo, Salud y Género, ECOS (Comunicação em Sexualidade), Instituto PAPI and World Education

Date: 2008

Access: A hard copy of the manual can be ordered free of charge from: promundo@promundo.org.br

It can also be downloaded online from:

English: www.promundo.org.br/materiais%20de%20apoio/publicacoes/MANUAL%20M.pdf

Portuguese: www.promundo.org.br/materiais%20de%20apoio/publicacoes/TrabalhandocomMulheresJovens.pdf

(Free Adobe Acrobat Reader® software required.)

The video can be ordered from: www.rumo.com.br/sistema/home.asp?IDLoja=10093. A clip is available at: www.promundo.org.br/354

The Red Book. What you want to know about yourself (10-14 years)

The Blue Book. What you want to know about yourself (15+ years)

Produced by: Talking about Reproductive and Sexual Health Issues (TARSHI)

Date: 2005 and 1999

Access: The booklets can be downloaded online from www.tarshi.net/publications/publications_sexuality_education.asp (Free Adobe Acrobat Reader® software required.)

Reducing the risk: building skills to prevent pregnancy, STD and HIV

Produced by: ETR Associates and Richard P. Barth

Date: 2004, 4th edition

Access: The Trainer's Manual (US\$42.95), the Student Workbook, in English or Spanish (set of five, \$18.95) and the Activity Kit (\$39) can be ordered from ETR Associates online at <http://pub.etr.org/> or by mail: ETR Associates, 4 Carbonero Way, Scotts Valley, CA 95066, USA. Phone: + 1 (800) 321-4407; Fax: +1 (800) 435-8433.

Safer choices: preventing HIV, other STD and pregnancy

Produced by: Karin K. Coyle, Joyce V. Fetro, Richard P. Barth, ETR Associates and Center for Health Promotion Research and Development, University of Texas-Houston, Health Science Center

Date: 2007, revised edition

Access: The complete set of Safer Choices manuals, student workbooks and an activity kit can be ordered for US\$189.95 through ETR Associates online at <http://pub.etr.org/> or by mail: ETR Associates, 4 Carbonero Way, Scotts Valley, CA 95066, USA. Phone: + 1 (800) 321-4407; Fax: + 1 (800) 435-8433. A video/DVD, "Blood Lines", recommended for use with Level 2, can be purchased for \$149. Teacher training for this programme is available in the US through ETR Associates (training@etr.org).

Stepping stones: a training package in HIV/AIDS, communication and relationships skills

Produced by: ActionAid International and Alice Welbourne

Date: 1999

Access: The manual can be previewed on www.steppingstonesfeedback.org/?page_id=965 or www.stratshope.org/t-training.htm. It can be ordered at low cost from Teaching Aids at Low Cost (TALC) on www.talcuk.org/books/bs-stepping-stones.htm

Today's choices

Produced by: Stellenbosch University, Department of Education South Africa and World Population Foundation (WPF)

Date: 2004

Access: The programme is available online at http://arhp.co.za/todays_choices/. It may be copied (downloaded) and printed free of charge.

UDAAN: towards a better future. Training manual for nodal teachers.

Produced by: The Centre for Development and Population Activities (CEDPA), India; Jharkhand State AIDS Control Society and Department of Education, Government of Jharkhand, India

Date: 2006

Access: More information on the programme can be obtained from the Center for Development and Population Activities (CEDPA), 1133 21st Street NW, Suite 800, Washington DC 20036, USA. Phone: + 1 (202) 939-2612; Fax: + 1 (202) 332-4496, or online: www.cedpa.org. Information is also available from CEDPA/India, C-1 Hauz Khas, New Delhi – 110016, India. Email: agogoi@cedpaindia.org

The world starts with me!

Produced by: World Population Foundation (WPF), Butterfly Works and SchoolNet Uganda

Date: 2003

Access: A part of the curriculum is available online for free at: www.theworldstarts.org/start/begin.html

For more information regarding the curriculum, see: www.wpf.org/documenten/20060809_WSWM_handout.doc

or contact World Population Foundation, Vinkenburgstraat 2A, 3512 AB Utrecht, The Netherlands. Tel: +31 (30) 239 38 88. Email: office@wpf.org.

The world starts with me! Adaptations

Indonesia:

- DAKU! For secondary schools in Indonesia, developed by the World Population Foundation (WPF), Indonesia, 2006.
- MAJU! For special education schools for deaf youth in Indonesia, developed by the World Population Foundation (WPF), Indonesia and the Directorate of Special Needs Education (DSE) of the Indonesian Ministry of Education and Culture, 2008.
- Langhka Pastiku! For special education schools for blind youth in Indonesia, developed by the World Population Foundation (WPF), Indonesia, the Ministry of Special Education in Indonesia and Yayasan Pelita Ilmu (YPI), 2008.
- SERU! For juvenile correction institutes in Indonesia, developed by the World Population Foundation (WPF), Indonesia.
- You and me. For kindergarten in Indonesia, developed by the World Population Foundation (WPF), Indonesia and Bernard van Leer Foundation, 2007.

Kenya:

- The world starts with me! For secondary schools and disadvantaged youth in Kenya, developed by the World Population Foundation (WPF), Centre for Study of Adolescence (CSA) and NairoBits Digital Design School, Nairobi, 2006.

Thailand:

- The world turns by my hands! For secondary schools in Bangkok, developed by the World Population Foundation (WPF) and the Association for the Promotion of the Status of Women (APSW), 2007.

Viet Nam:

- Journey to adulthood. For the Teacher Training University Students of Danang University of Education in Viet Nam, developed by the World Population Foundation (WPF) Viet Nam, Danang University of Education, Department of Education and Training Danang and National Institute of Educational Sciences, 2009. (An adaptation for secondary schools is under development.)

Young men as equal partners (YMEP)

Produced by: YMEP-project (a collaboration between Kenyan, Tanzanian, Ugandan, Zambian and Swedish Member Associations of the International Planned Parenthood Federation (IPPF))

Date: 2008, revised edition

Access: The book can be downloaded online from www.rfsu.se/upload/PDF-Material/YMEPguidebookapril08.pdf

(Free Adobe Acrobat Reader® software required.)

Photo Credits:

Cover photo

© 2000 Rick Maiman/David and Lucile Packard Foundation, Courtesy of Photoshare

© 2009 UNAIDS/O.O'Hanlon

© 2006 Basil A. Safi/CCP, Courtesy of Photoshare

© 2006 UNAIDS/G. Pirozzi.

p.5 © 2004 Ian Oliver/SFL/Grassroot Soccer, Courtesy of Photoshare

p.17 © 2006 Rose Reis, Courtesy of Photoshare

Based on a rigorous and current review of evidence on sexuality education programmes, this *International Technical Guidance on Sexuality Education* is aimed at education and health sector decision-makers and professionals. It has been produced to assist education, health and other relevant authorities in the development and implementation of school-based sexuality education programmes and materials. *Volume I* focuses on the rationale for sexuality education and provides sound technical advice on characteristics of effective programmes. A companion document, (*Volume II*) focuses on the topics and learning objectives to be covered in a 'basic minimum package' on sexuality education for children and young people from 5 to 18+ years of age and includes a bibliography of useful resources. The *International Technical Guidance* is relevant not only to those countries most affected by HIV and AIDS, but also to those facing low prevalence and concentrated epidemics.

Section on HIV and AIDS
Division for the Coordination of UN Priorities in Education
Education Sector
UNESCO
7, place de Fontenoy
75352 Paris 07 SP, France
Website: www.unesco.org/aids
Email: aids@unesco.org