

# Unit 6: Sex Education Environmental Science

10 Class Meetings

*Rev. June 2019*

## Essential Questions

- How can healthy decision-making affect overall personal health?

## Enduring Understandings with Unit Goals

**EU 1:** Personal choices affect growth and development of the human body.

- Describe human body systems and the changes that occur during growth and development.
- Describe the contraction, symptoms, and prevention of sexually transmitted diseases and infections and pregnancy.

**EU 2:** Personal choices can impact personal safety and the safety of others.

- Explain ways to avoid engaging in violence including sexual harassment, coercion, exploitation, physical fighting, and rape.

## Standards

### National Health Education Standards:

- **1.12.1** Predict how healthy behaviors can affect health status.
- **1.12.2** Describe the interrelationships of emotional, intellectual, physical, and social health.
- **1.12.8** Analyze personal susceptibility to injury, illness, or death if engaging in unhealthy behaviors.
- **1.12.9** Analyze the potential severity of injury or illness if engaging in unhealthy behaviors.

### National Sexual Education Standards:

- **AP.12.CC.1** Describe the human sexual response cycle, including the role hormones play
- **PR .12.CC.1** Compare and contrast the advantages and disadvantages of abstinence and other contraceptive methods, including condoms
- **PR .12.CC.2** Define emergency contraception and describe its mechanism of action
- **PR .12.CC.3** Identify the laws related to reproductive and sexual health care services (i.e., contraception, pregnancy options, safe surrender policies, prenatal care)
- **PR .12. AI.1** Access medically-accurate information about contraceptive methods, including abstinence and condoms
- **SH.12.CC.1** Describe common symptoms of and treatments for STDs, including HIV

## Unit 6: Sex Education Environmental Science

10 Class Meetings

Rev. June 2019

### MSMHS Academic, Civic, Social Competencies

- Competency 1.** Read and write effectively for a variety of purposes.  
**Competency 2.** Speak effectively with a variety of audiences in an accountable manner.  
**Competency 3.** Make decisions and solve problems independently and collaboratively.  
**Competency 4.** Apply scientific knowledge and concepts to a variety of investigative tasks.  
**Competency 5.** Contribute to a positive learning environment with respect and responsibility.

### Unit Content Overview

- Body systems and functioning
- Puberty and development
- Human reproduction
- Pregnancy
- Fetal Development
- Contraception and emergency contraception
- Sexually transmitted diseases and sexually transmitted infections
- Prevention of STDs and STIs
- Sexual assault prevention

### Learning Objectives with TWPS Activities

#### Students will be able to...

- Compare and contrast the structures and functions of human body systems.
  - *Explain how an organ is created.*
  - *If a woman had an issue with her ovaries, explain how that would impact the other body systems.*
- Describe the process of puberty in males and females and human reproduction.
  - *Describe the changes that a teenager's brain undergoes once they start puberty.*
- Identify the different stages of pregnancy and fetal development.
  - *Describe the ways that genetics can impact fetal development.*
- Evaluate how the different toxins a mother ingests can impact the development of a growing fetus.
  - *Explain what a pregnant woman should do and not do to make sure she is doing what is best for her and the developing baby?*
- Evaluate the effectiveness of various methods of preventing pregnancy and the spread of STDs/STIs.

## Unit 6: Sex Education Environmental Science

10 Class Meetings

Rev. June 2019

- *Although anyone who's sexually active can get an STI, certain behaviors can put people at high risk. Explain what those risks are.*
- Identify and describe common STDs and STIs and methods of prevention.
  - *Drew and Arianna hook up sometimes – mostly at parties when they've had too much to drink. Sometimes they use condoms, sometimes they don't, and sometimes they don't even remember. Both see other people as well. Arianna just found out she has HPV. Explain what should Arianna do?*
- Explain ways to avoid engaging in violence including sexual harassment, coercion, exploitation, physical fighting, and rape.
  - *Explain what colleges can do on campuses to prevent sexual assault?*

### Instructional Strategies/ Differentiated Instruction

- **HLP:** Academically Productive Talk
- **HLP:** Writing to Learn (TWPS)
- **HLP:** Effective Feedback
- Daily Warm Up Activities
- Power Point Lecture with note-taking
- Flexible grouping
- Foldables
- Exit slips
- Graphic Organizers
- Creating authentic connections for students
- Rephrasing and restatement of information and concepts
- Student use of headphones
- Independent reading

#### Interdisciplinary Connections

- Advisory-Making good choices
- Biology-Cells and Tissues

### Assessments

#### FORMATIVE ASSESSMENTS:

- Warm Up Activities
- STD/STI Brochure Project
- Case Study Discussion

## Unit 6: Sex Education Environmental Science

10 Class Meetings

*Rev. June 2019*

○ *MSMHS Rubric 2: Accountable Talk*

- Oral questioning
- Accountable Talk Discussion
- Daily Think-Write-Pair Share (TWPS)
- Exit slips
- Daily check-ins with students
- Homework/Reading checks

### **SUMMATIVE ASSESSMENTS:**

- Quiz on EU 1
- Build a Body Jigsaw
- STD/STI Brochure Project
- Case Study Discussion
- Final Exam

### **Unit Task**

**Unit Task Name:** Case Study Discussion

**Description:** Students will utilize information gathered about personal health and decision-making to discuss the issue of sexual assault on college campuses. They will research case studies and discuss their findings in an accountable manner.

**Evaluation:** MSMHS Rubric 2: Accountable Talk

### **Unit Resources**

- MSMHS School-wide Rubrics
- MSMHS/City of Groton Police Department School Resource Officer
- MSMHS School nurse
- PowerPoints
- Foldables
- Graphic Organizers
- Internet databases
- Laptops