

UNIT 6: Family Life and Human Sexuality**LESSON TITLE:** Human Reproduction**Health Literacy Skill:**

- Core Concepts

MSDE Performance Indicator:**1c.8.11:** Explain menstruation, fertilization, and implantation

OBJECTIVE: Students will be able to explain menstruation, the fertilization process and implantation as it connects to human reproduction.

Teacher Notes:

1. Teachers are encouraged to use best practices when presenting material to students.
2. Before starting the lesson, review the class expectations and Family Life guidelines with the class.
3. Remind students of anonymous question protocol.
 - a) **Teacher Suggestion:** Question box and/or Anonymous Padlet Page.
 - b) Padlet page for students to use throughout the family life unit and/or quarter. This should be added to each lesson. Be sure to review the settings...attribution should be off; require approval should be on.
4. **Teachers should review Family Life Teacher Resources:**
 - a) Secondary Family Life Teacher Vocabulary Resource
 - b) Answering Difficult Question Document
 - c) Teaching Sensitive Topics in Health Education

MATERIALS:

PowerPoint- Human Reproduction

Kids Health- Menstruation Video

Fertilization and Pregnancy Completed Notes

VOCABULARY:

| | | | | |
|----------------|---------------|--------------|------------|---------------|
| Fertilization | Uterus | Embryo | Fetus | Placenta |
| Umbilical Cord | Prenatal Care | Obstetrician | Ultrasound | Birth Defects |

MOTIVATION: Warm -Up: Teachers- Please use a resource that fits best for your students to answer the following questions:

1. Where does fertilization take place?
 - a. **Answer:** Fallopian Tube
2. How many sperm does it take to fertilize an egg?
 - a. **Answer:** One
3. Where does ejaculation occur from?
 - a. **Answer:** Urethra
4. The area that stores the ova and hormones is called.
 - a. **Answer:** Ovaries
5. The mixture of sperm and fluid is called.
 - a. **Answer:** Semen

Lesson Procedures:

1. **Discussion: Phase of the Menstrual Cycle:** Review the different phase of the menstrual cycle while connecting to the fertilization process and pregnancy.
2. **Video: Kids Health: The Menstrual Cycle:** Share with students the video that discusses the menstrual cycle. Provide students with the worksheet to complete. Please use best practices when having students complete the worksheet on the menstrual cycle.
3. **Student Activity: Fertilization Flow Chart:** Provide students with the fertilization flow chart. Students can try to complete the worksheet individually or with a partner. Explain to students that one side of the chart discusses pregnancy and the other side discusses menstruation.
4. **Discussion: Fertilization Flow Chart:** Discuss each part of the flowchart with students to ensure understanding. Students should be making corrections on their worksheet if needed.
5. **Student Activity: Pregnancy & Fertilization Vocabulary: Provide** students with the vocabulary worksheet. Students can try to complete the worksheet individually or with a partner.
6. **Discussion: Pregnancy and Birth:** Discuss the sequential order of the pregnancy and the birth process with students.
 - a. Encourage students to ask questions and remind students of the Anonymous Padlet Page if they feel more comfortable using that tool.

Closure : Exit Ticket: Knowledge Check: Teachers should select a strategy to review information on human reproduction with students. Remind students to utilize the Anonymous Padlet Question Page and/or the Question Box if they have any questions about STIs.

FORMATIVE ASSESSMENT:

Kids Health- Menstrual Cycle Worksheet

Exit Ticket: Knowledge Check

Extension Activity:

Human Reproduction and Pregnancy Video (video is at the end of the PPT)