

Reproductive System, day 2

Grades 4-6, Lesson #10

Time Needed

40-50 minutes

Student Learning Objectives

To be able to...

1. Understand the functions of reproductive systems.

Agenda

1. Explain lesson's purpose.
2. Explain common terms and functions of the reproductive system.
3. Answer "Anonymous Question Box" questions.
4. Use *Reproductive System Worksheets* to reinforce new terminology and review previous lesson.

This lesson was most recently edited November 2021.

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Materials Needed

Classroom Materials:

- *Reproductive System Visuals/Worksheets #1 – 4* (from Reproductive System, day 1)

Student Materials: (for each student)

- *Reproductive System Worksheet*

Activity

1. Explain the lesson's purpose.

We are doing today's lesson so that people will understand bodies and reproductive systems better and feel more confident asking questions and discussing these things with their parents, guardians and doctors.

2. Describe common terms and functions of the reproductive systems. Using the *Reproductive System Visuals #1-4* from Day 1, respond to the remainder of the "Anonymous Question Box" questions about the reproductive system. If the following terms do not come up in the anonymous questions, explain them to the class.

- a. genitals
- b. circumcision
- c. ovulation
- d. menstruation
- e. ejaculation
- f. vaginal sex
- g. fertilization
- h. implantation
- i. conception

Here is suggested language:

- a. *The outside parts of the reproductive system are called the **genitals**. That's the penis and scrotum or the labia and clitoris.*
- b. *Babies with a penis are born with a sleeve of skin on the penis called the foreskin. Sometimes the doctor removes the foreskin in a procedure called **circumcision**. The penis is normal either way, whether it's been circumcised or not.*
- c. *An egg cell leaves the ovary every 20 to 40 days, more or less. This is called **ovulation**. A person usually can't feel when it happens, but sometimes they might feel a little ache. If that person doesn't get pregnant, a couple of weeks later is when they will menstruate.*
- d. ***Menstruation**, also called having a period, is when the lining of the uterus (the blood and tissue) comes out through the vagina. The uterus builds up a new lining of blood each month.*
- e. *The sperm cells leave the penis in a fluid called semen. When the semen leaves the penis, it is called **ejaculation**. Ejaculation doesn't happen on a regular schedule like ovulation. Ejaculation can happen during sleep or sexual touch. Ovulation and ejaculation don't begin until a person's body has begun changing from a child's to an adult's.*
- f. ***Vaginal sex** is when the penis is in the vagina. Vaginal sex is a common way that people get pregnant.*

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- g. *If ejaculation happens during vaginal sex, sperm can swim up into the uterus and fallopian tubes. If a sperm cell and an egg cell meet and join together, it is called **fertilization**.*
- h. *After the egg is fertilized, it will take a week or so to finish traveling down the fallopian tube into the uterus, where it will try to attach to the wall of the uterus. This process is called **implantation**.*
- i. *Sometimes fertilized eggs are able to implant, and sometimes they are not. If it does implant, this is called **conception**, and it is the beginning of a pregnancy.*

Sometimes people get pregnant without having vaginal sex. For example, sometimes sperm cells are placed inside the vagina or uterus so they can join with an egg cell. Sometime egg and sperm cells meet in a laboratory, where the egg is fertilized, and then a doctor puts the fertilized egg in a person's uterus to implant and begin a pregnancy.

3. Use **Reproductive System Worksheet** to reinforce new terminology and review terms from the previous lesson.

Allow students complete the worksheet individually or in pairs. Then, go over them aloud - having them read the items will give them additional practice pronouncing the terms.

Related Activities for Integrated Learning

Math

Students can figure out the following question: If a hypothetical person ovulates from age 12 to 47, 13 times a year, how many eggs are released altogether? (Answer: 455 eggs released total over their lifetime.)

Homework

Students' options:

- Family homework: What is one thing about the reproductive system that you wish you had learned when you were younger?
- Individual homework: Create a word search or a crossword puzzle with at least 5 of the terms on the *Reproductive System Worksheet*.

Reproductive System Worksheet

NAME _____ DATE _____

DIRECTIONS: Put the letter of each word next to the correct definition of the word.

- | | |
|------------------|---|
| A. circumcision | 1. ___ The penis or clitoris getting harder and larger |
| B. conception | 2. ___ The outside parts of the reproductive system |
| C. ejaculation | 3. ___ The process of fertilization and implantation |
| D. erection | 4. ___ The cell from a testicle that can start a pregnancy |
| E. fertilization | 5. ___ Removal of the foreskin from the penis |
| F. genitals | 6. ___ The meeting of the sperm and egg cell |
| G. implantation | 7. ___ The penis being inside the vagina |
| H. vaginal sex | 8. ___ An egg cell coming out of the ovary |
| I. menstruation | 9. ___ Semen coming out of the penis |
| J. ovulation | 10. ___ When a fertilized egg attaches to the wall of the uterus |
| K. semen | 11. ___ The liquid that carries sperm |
| L. sperm | 12. ___ The lining of the uterus coming out through the vagina (sometimes called "having a period") |

Reproductive System Worksheet - Answer Key

DIRECTIONS: Put the letter of each word next to the correct definition of the word.

- | | |
|------------------|---|
| A. circumcision | 1. D The penis or clitoris getting harder and larger |
| B. conception | 2. F The outside parts of the reproductive system |
| C. ejaculation | 3. B The process of fertilization and implantation |
| D. erection | 4. L The cell from a testicle that can start a pregnancy |
| E. fertilization | 5. A Removal of the foreskin from the penis |
| F. genitals | 6. B The meeting of the sperm and egg cell |
| G. implantation | 7. H The penis being inside the vagina |
| H. vaginal sex | 8. J An egg cell coming out of the ovary |
| I. menstruation | 9. C Semen coming out of the penis |
| J. ovulation | 10. G When a fertilized egg attaches to the wall of the uterus |
| K. semen | 11. K The liquid that carries sperm |
| L. sperm | 12. I The lining of the uterus coming out through the vagina (sometimes called "having a period") |