



An Egg's Journey

Objectives:

Students will:

- Write and illustrate a storyboard depicting the journey of an egg during the menstrual cycle

Materials:

- Computer with Internet access
- “An Egg’s Journey” handout
- Paper and pen, colored pencils

Class Time:

- 1 hour

Activity:

It can seem hard to believe that all human life depends on a chance meeting between an egg that's 1/10 the size of a sesame seed and a sperm that's 1/600th of an inch in a tube that's as wide as a piece of spaghetti. But it does, and that's why menstruation is such an important milestone as girls become sexually mature women. Today we're going to learn more about menstruation by creating a storyboard that depicts an egg's journey after ovulation. Where does it go? How long does it take? What does the lining of the uterus do to prepare for its arrival? And what happens to that lining if the egg remains unfertilized?

Extensions:

1. If the egg in your storyboard had been fertilized, your storyboard would have had a very different ending. Explain.
2. Research and write about the two ways twins might be formed during fertilization.

Reproducible Materials

Handout: Female Reproductive System

[TeensHealth.org/classroom/6to8/body/systems/female_reproductive_handout1.pdf](https://www.TeensHealth.org/classroom/6to8/body/systems/female_reproductive_handout1.pdf)

Handout: An Egg's Journey

[TeensHealth.org/classroom/classroom/6to8/body/systems/female_reproductive_handout2.pdf](https://www.TeensHealth.org/classroom/classroom/6to8/body/systems/female_reproductive_handout2.pdf)

Quiz: Female Reproductive System

[TeensHealth.org/classroom/classroom/6to8/body/systems/female_reproductive_quiz.pdf](https://www.TeensHealth.org/classroom/classroom/6to8/body/systems/female_reproductive_quiz.pdf)

Answer Key: Female Reproductive System

[TeensHealth.org/classroom/classroom/6to8/body/systems/female_reproductive_quiz_answers.pdf](https://www.TeensHealth.org/classroom/classroom/6to8/body/systems/female_reproductive_quiz_answers.pdf)



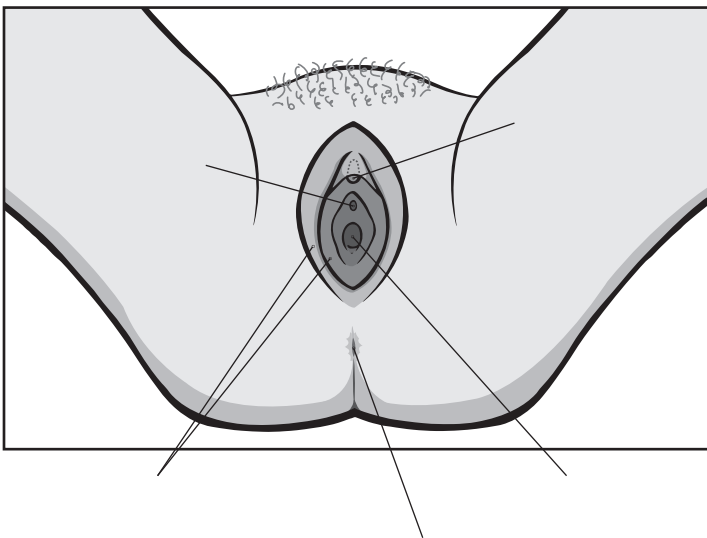
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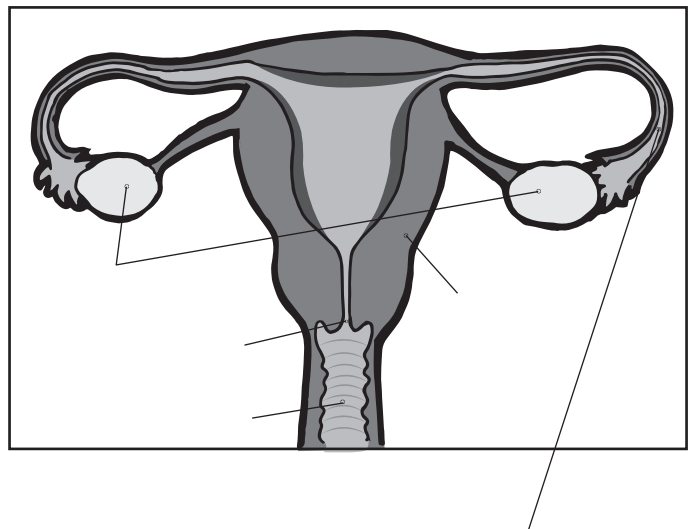
Female Reproductive System

Instructions: Label the diagram and write the function of each part below.

External View



Internal View



Labia _____

Clitoris _____

Urethra _____

Vagina _____

Uterus _____

Fallopian tubes _____

Ovaries _____

Cervix _____



Name: _____

Date: _____

An Egg's Journey

Instructions: Use this storyboard to write and illustrate the journey of an egg from ovulation to menstruation.

A large empty rectangular box with a thick black border, intended for drawing an illustration.

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Name: _____

Date: _____

Quiz

Instructions: Answer each question.

1. The two oval-shaped organs that produce, store, and release human eggs are called _____.
2. True or false: Females make millions of eggs every day.
3. Fertilization occurs in the:
 - a) uterus
 - b) fallopian tubes
 - c) labia
 - d) vagina
4. _____ occurs about two weeks before a woman's period.
5. The _____ is a thick, muscular organ that can expand to accommodate a developing baby.
6. True or false: The female sex hormone is called testosterone.
7. How long is an average menstrual cycle?
 - a) 1 week
 - b) 2 weeks
 - c) 28 days
 - d) 45 days
8. The _____ is the lower portion of the uterus that opens into the vagina.
9. An egg that has been fertilized by a sperm is called a _____.
10. True or false: A girl's first period is called menarche.



Quiz Answer Key

1. The two oval-shaped organs that produce, store, and release human eggs are called ovaries .
2. True or false: Females make millions of eggs every day.
3. Fertilization occurs in the:
 - a) uterus
 - b) fallopian tubes
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4. Ovulation occurs about two weeks before a woman's period.
5. The uterus is a thick, muscular organ that can expand to accommodate a developing baby.
6. True or false: The female sex hormone is called testosterone.
7. How long is an average menstrual cycle?
 - a) 1 week
 - b) 2 weeks
 - c) 28 days
 - d) 45 days
8. The cervix is the lower portion of the uterus that opens into the vagina.
9. An egg that has been fertilized by a sperm is called a zygote .
10. True or false: A girl's first period is called menarche.