

## Inquiry Question

How does the ovarian and uterine cycle work?

Name: \_\_\_\_\_ Date: \_\_\_\_\_



The human female has a reproductive system located entirely in the pelvis. A female's internal reproductive organs are the vagina, uterus, fallopian tubes, and ovaries.

The uterus is shaped like an upside-down pear with a thick lining and muscular walls and contains some of the strongest muscles in the female body. These muscles are able to expand and contract to accommodate a growing fetus and then help push the baby out during labor.

When an egg pops out of an ovary, it enters the fallopian tube. Once the egg is in the fallopian tube, tiny hairs in the tube's lining help push it down the narrow passageway toward the uterus.

During the menstrual cycle, the uterus grows a lining of blood that will nourish a growing fetus if conception and fertilization occur. This lining sheds approximately once a month during a period called menses or menstruation if conception and fertilization do not occur.

In this project you will research the ovarian and uterine cycle, identifying and describing the stages and the hormones involved.

### General Instructions

The goal of this project is to understand the stages of and the hormones involved in the ovarian and uterine cycle.

#### **Materials you'll need:**

- internet access
- presentation software such as powerpoint, google slides or prezi

#### **Ideas and Hints:**

Identify and describe the stages of the ovarian and uterine cycle. This may be presented in video format. Also include the hormones involved in the ovarian and uterine cycle. Your presentation can be made using powerpoint, google slides, a prezi, animation or other software program of your choice.

The minimum vocabulary which must be included is:

- the pituitary gland
- corpus luteum
- follicle stimulating hormone
- luteinizing hormone
- estrogen
- progesterone
- uterine lining

#### **Project submission:**

Create your presentation and upload the url or file to the project submission folder at the end of the unit.