



Lembar Kerja Peserta Didik

LKPD

Science IX

Menstrual cycle, Human Growth and
Development

Name: _____

Class : _____



Learning Objective

1. Explain the menstrual cycle.
2. Explain fertilisation and foetal development.
3. Differentiate between growth and development.
4. Identify the stages of human growth and development.

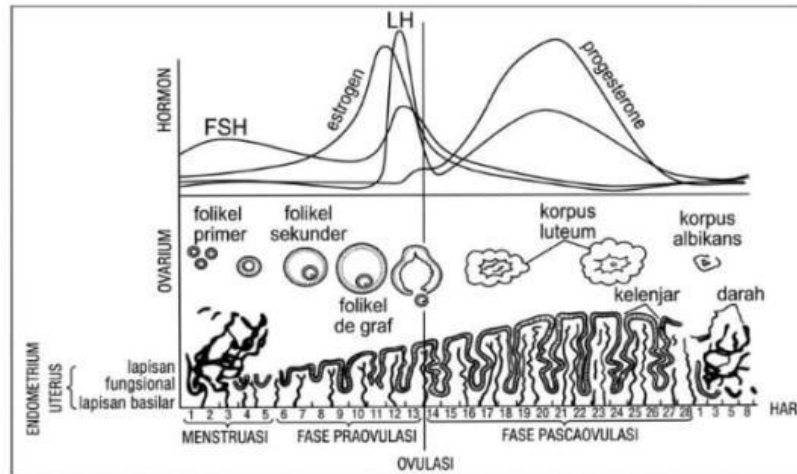
Instructions for use

1. Review the lesson material explained by the teacher and the digital book provided.
2. Read each question carefully before answering.
3. Choose the correct answer for each multiple-choice question and observe the picture provided.
4. Answer the essay questions clearly and accurately.
5. Match each statement with the correct answer in the matching activity.
6. Complete all activities independently.
7. Check your answers before submitting your work
8. Click "Finish" to complete the worksheet, then select "Send Answers to My Teacher" if this option is available.

Activity 1

Let's Observe

1. Observe the menstrual cycle graph below!



Based on the graph, it can be concluded that estrogen and LH levels decrease during which phase?

- A. Menstruation
- B. Pre-ovulation
- C. Ovulation
- D. Fertilization

2. Based on the diagram above, explain the roles of FSH and estrogen in the development of ovarian follicles!

Answer :

.....

.....

.....

Activity 2

Let's Explore

3. Human growth and development are divided into five stages. The stage characterized by the non-productive state of internal organs and skin becoming increasingly thin and dry is...

- A. Infancy
- B. Adulthood
- C. Adolescent
- D. Old age

4. Pay attention to the following statements!

- 1). An increase in height and body weight.
- 2). An improvement in thinking ability.
- 3). An increase in cell size and number.
- 4). The development of speaking ability.

Which statements indicate the characteristics of growth?

- A. 1 and 2
- B. 1 and 3
- C. 2 and 4
- D. 3 and 4

Reason :

.....

.....

Activity 3

Let's think

5. Match the terms in Column A with the correct descriptions in Column B!

Column A	Column B
Amnion	The membrane that contains amniotic fluid
Zygote	The organ that helps exchange nutrients and oxygen between mother and foetus
Placenta	The cell formed after fertilisation

Answer :

.....

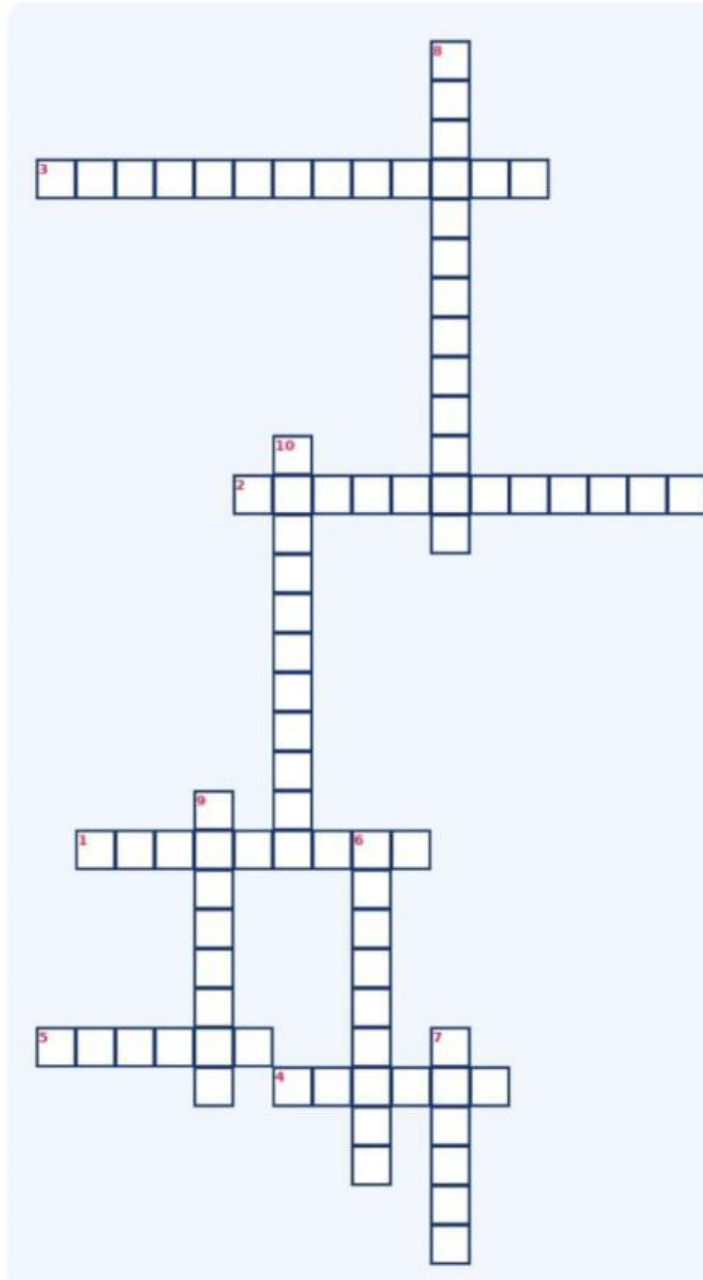
.....

.....

Activity 4

Let's think

Read the clues below and fill in the crossword puzzle.
Use the correct answers in English.



A. Across (Horizontal)

1. What is the process of releasing an egg from the ovary called?
2. What is the shedding of the uterine lining called?
3. What is the union of a sperm cell and an egg cell called?
4. What is the first cell formed after fertilisation called?
5. What is the process of an increase in body size called?

B. Down (Vertical)

6. Which hormone helps regulate the menstrual cycle and is produced by the ovaries?
7. What is the organ where a foetus develops during pregnancy?
8. What connects the foetus to the placenta?
9. What organ helps exchange nutrients and oxygen between the mother and foetus?
10. What is the process of changes in abilities and functions as a person matures called?

Reflection

Let's Reflect

Answer the following questions based on your learning experience.

1. What have you learned from today's lesson?

.....

.....

2. Which topic do you find difficult to understand?

.....

.....

3. How confident are you in understanding today's lesson?

- Very confident
- Confident
- Not very confident
- Need more help