

## Science Skills Year 7 booklet: 6

### Hormones in Pregnancy

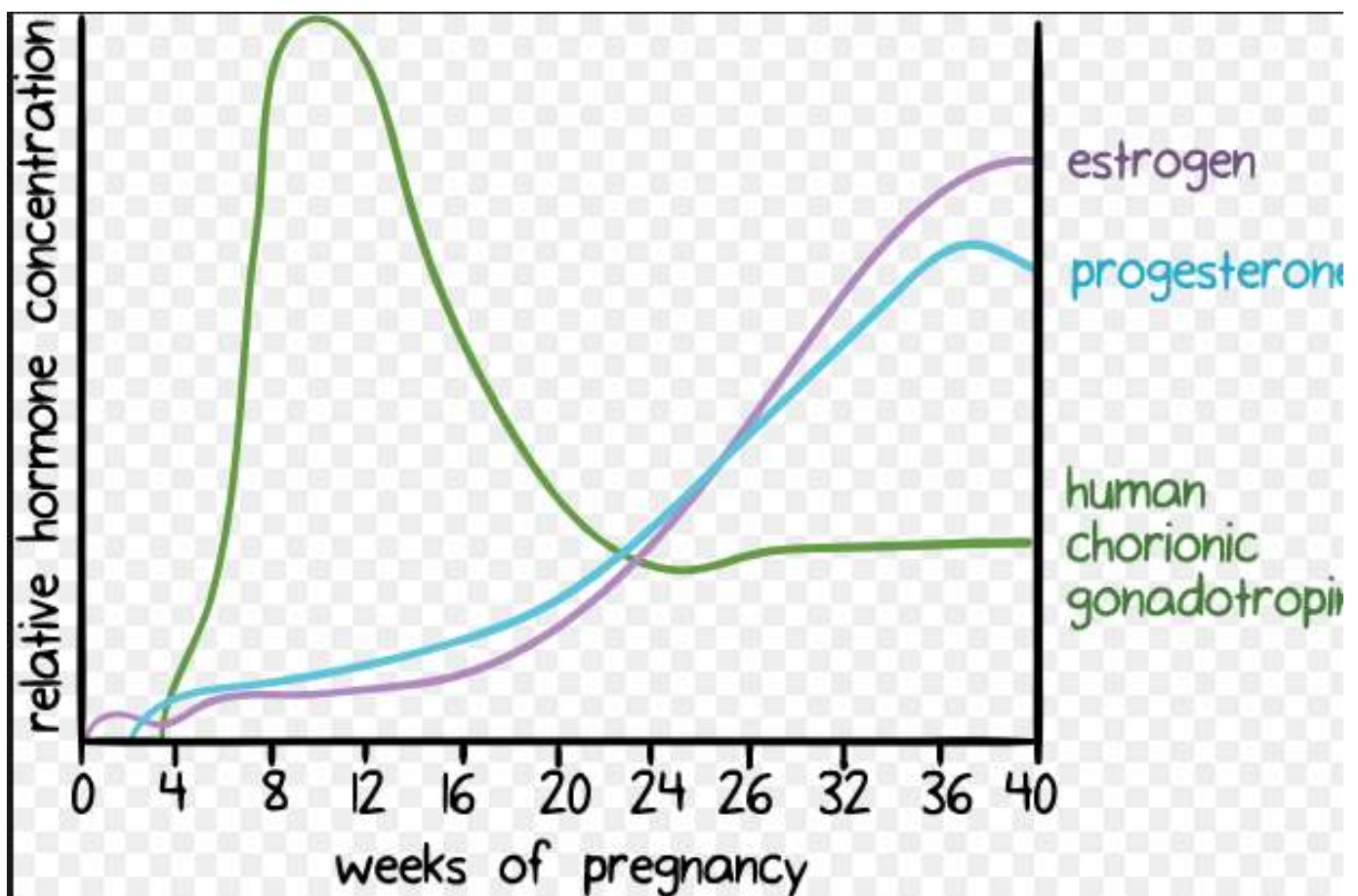
Task 1 deadline (self-assessed):

Task 2 deadline (peer-assessed):

Task 3 deadline (teacher-assessed):

The tasks in this booklet relate to the investigation below. Read the following information before attempting any of the tasks.

#### Results of hormone levels in pregnancy



## Task 1

*Everyone to do-* Match the key terms to the definitions:

Hormone	Information collected.
Oestrogen	The time taken to develop the foetus (unborn baby).
Progesterone	A hormone which helps maintain pregnancy and strengthens the uterus walls.
Pregnancy	A hormone which helps prepare the mother's body to produce milk.
Data	A chemical messenger which causes changes to the body.

**Green:** you will be tested on the spelling of the five key terms

**Amber:** you will be tested on the spelling and the definition of the key terms

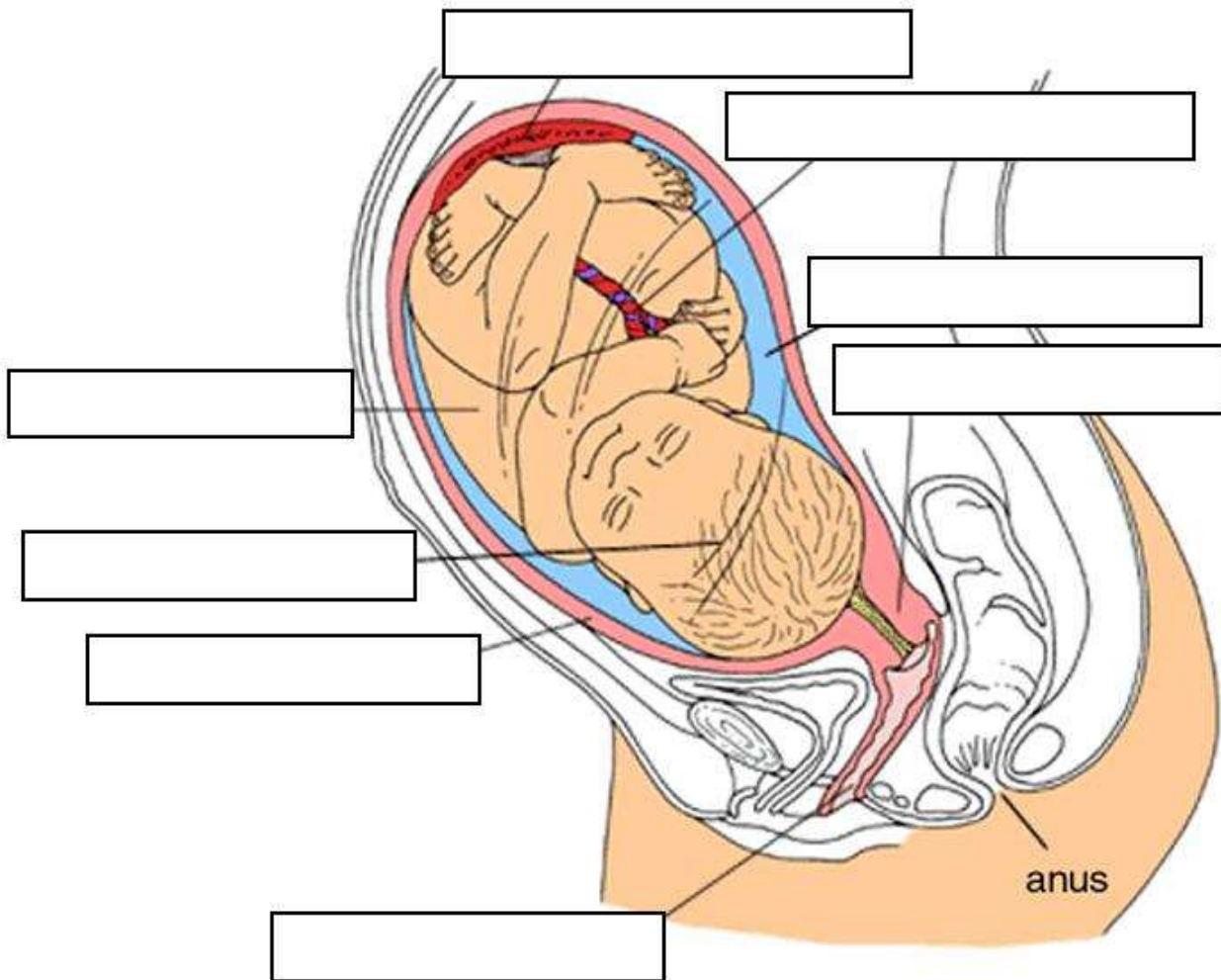
**Red:** you will be tested on the spelling and definition of the key terms. You will also need to put each into a sentence

**Killer:** you will be asked for synonyms for the key terms (if there are any!)

## Task 2

**Green:**

Label the diagram of a pregnant woman below:



Peer assessment score:

**Amber:**

Label the diagram above and DESCRIBE the role of each part.

Peer assessment:

STAR:

STAR:

WISH:

**Red:**

On a piece of paper, write a method for how the hormone levels could be monitored throughout pregnancy.

Explain if it would be enough to just monitor one woman's hormone levels in order to make a conclusion.

Peer assessment:

STAR:

STAR:

WISH:

**Task 3:**

**Green:** On a piece of paper, describe the changes which happen to **two** of the three hormones, using **two** of the sentence starters below:

- From weeks 0 to 16 oestrogen..... steadily. It then .....
- From weeks 0 to 36 progesterone levels....
- Human chorionic gonadotrophin hormone levels increase very quickly....

**Amber:** On a piece of A4 paper, describe how the level of each hormone changes over the pregnancy. Remember to describe the pattern and quote two sets of data for each hormone. This should be a paragraph of 40+ words.

**Red:** On a piece of A4 paper, explain the changes in hormone levels throughout pregnancy in relation to their functions. (hint: you will find their functions in the first key term task!). This should be 3 separate paragraphs of 30+ words each.

Teacher assessment:

A2L = 1	Work is thorough, you have picked challenging tasks and have shown effort and understanding.
A2L = 2	Work has detail in most places, you have picked relevant tasks and have shown effort.
A2L = 3	Work lacks detail, there are some errors and shows some lack of preparation/understanding.
A2L = 4	Work is incomplete, there are errors throughout and a clear lack of preparation/understanding.

Teacher comment: