

## The Menstrual Cycle

What is it? - **A monthly cycle where the uterus lining builds up to receive a fertilised egg.**  
 What happens if an egg is not fertilised? **The lining sheds and they have a period.**

Insert the words below: LH, Oestrogen, FSH, pituitary, egg, ovary

The **pituitary** gland secretes **FSH** which causes an **egg** to mature.

FSH causes the ovary to secrete **oestrogen**

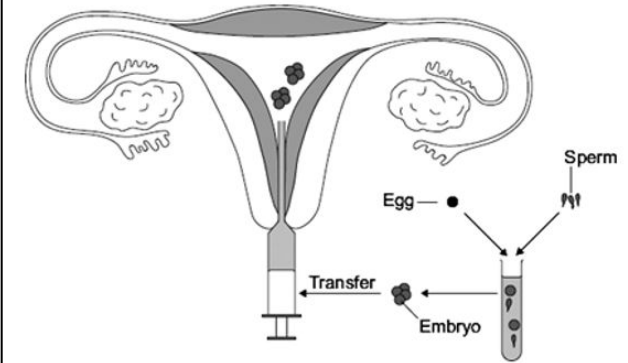
Oestrogen causes the pituitary gland to secrete **LH** which causes the egg to be released from the **ovary**

## In Vitro Fertilisation (IVF)

What is it? **A process where fertilisation occurs outside the body using a sample of sperm and eggs.**  
 Why would this process be used? **To help couples with fertility problems conceive a child.**  
 What are the risks? **Multiple births which have higher risks for the mother and babies.**

Describe the stages of IVF. (Use the diagram)

1. **The woman is given an injection of FSH**
2. **Eggs are removed from her body.**
3. **Sperm are added to the egg sample.**
4. **Fertilisation occurs and an embryo forms.**
7. **The embryo is put into the uterus.**
6. **A foetus develops.**



How can the following lifestyle choices of the mother affect the unborn child?  
**Smoking - low birth weight, heart, brain and lung defects.**  
**Drinking Alcohol - Slow growth, low birth weight and sometimes a miscarriage.**

## Y8 How My Body Works

Label the diagram of the female reproductive organs:

Oviduct

Ovary

Uterus

Cervix

Vagina

**Puberty - What is it? When your body matures and changes when you are a teenager.**

List the changes seen in puberty below:

Female Changes

**Breast grow**  
**Periods start**  
**Voice gradually gets deeper**  
**Hips widen**

Changes in both male and females

**Pubic hair grows**  
**Get taller**

Male Changes

**Voice deepens**  
**Penis enlarges**

Label the diagram of the male reproductive organs:

Bladder

Gland

Sperm duct

Penis

Urethra

Testis

Foreskin

Scrotum

## The Menstrual Cycle

What is it?

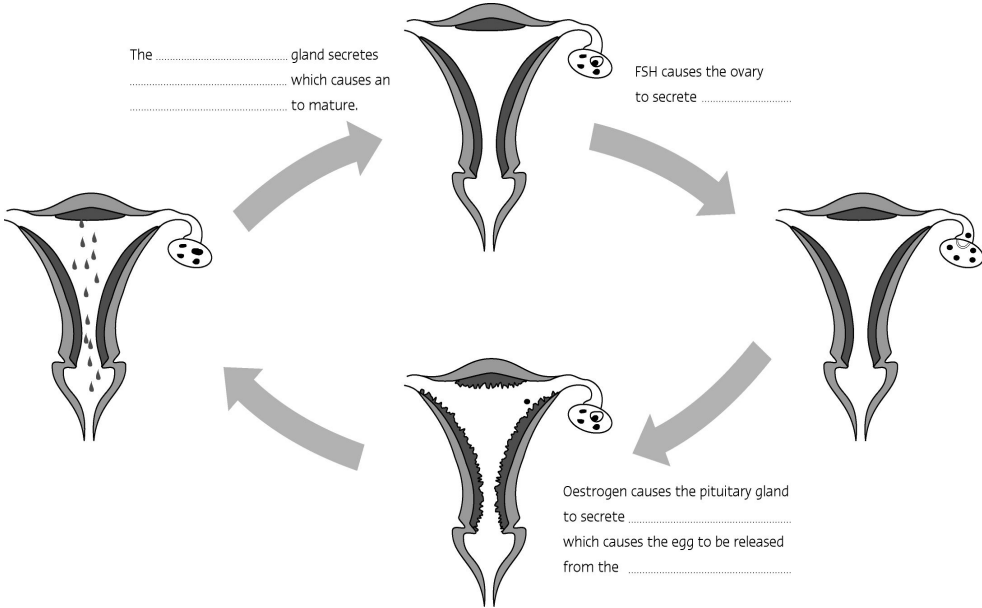
What happens if an egg is not fertilised?

Insert the words below: LH, Oestrogen, FSH, pituitary, egg, ovary

The ..... gland secretes ..... which causes an ..... to mature.

FSH causes the ovary to secrete .....

Oestrogen causes the pituitary gland to secrete ..... which causes the egg to be released from the .....



## In Vitro Fertilisation (IVF)

What is it?

Why would this process be used?

What are the risks?

Put the stages of IVF in order by numbering them 1 -6. (Use the diagram)

The embryo is put into the uterus.

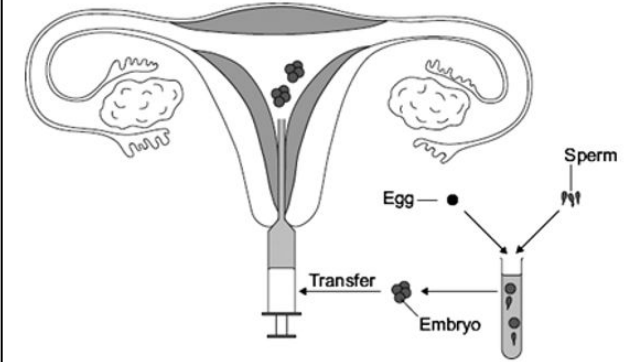
The woman is given an injection of FSH.

Fertilisation occurs and an embryo forms.

Eggs are removed from her body.

A foetus develops.

Sperm are added to the egg sample.



How can the following lifestyle choices of the mother affect the unborn child?

Smoking -

Drinking Alcohol -

## Y8 How My Body Works

Label the diagram of the female reproductive organs:

Puberty - What is it ?

List the changes seen in puberty below:

Label the diagram of the male reproductive organs:

Female Changes

Changes in both male and females

Male Changes

