

Human reproduction

What is the function of the prostate gland?

Human reproduction

Why are the testes in the scrotum?

Human reproduction

What are the functions of the ovary and the oviduct?

Human reproduction

What does oestrogen do in the menstrual cycle?

Human reproduction

What does progesterone do in the menstrual cycle?

Human reproduction

Why does menstruation start?

Human reproduction **Biology only**

What does FSH do?

Human reproduction **Biology only**

What causes ovulation?

It holds them outside the body where it is slightly cooler, which is better for sperm production.

It adds fluid to sperm to form semen. The fluid lets the sperm swim and contains nutrients.

It repairs and builds up the lining of the uterus.

The ovary makes eggs and hormones. The oviduct carries the egg to the uterus and is where fertilisation usually happens.

Progesterone falls, so the uterus lining is no longer maintained and breaks down.

It maintains the lining of the uterus.

A surge of LH from the pituitary gland, triggered by high oestrogen, around day 14.

It is released by the pituitary gland. It causes an egg to mature and stimulates the ovaries to make oestrogen.

Human reproduction **Biology only**

Which hormones inhibit FSH?

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How do nutrients get from mother to embryo?

Human reproduction

Why does the placenta have villi?

Human reproduction

How does amniotic fluid protect the embryo?

Human reproduction

Name two effects of testosterone at puberty.

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Name two effects of oestrogen at puberty.

Human reproduction

Where are oestrogen and testosterone made?

They diffuse from the mother's blood into the embryo's blood across the placenta.

Oestrogen and progesterone. Progesterone also inhibits LH.

It absorbs shocks and cushions the embryo against knocks.

They give a large surface area, so substances diffuse faster.

Any two from: breasts develop, hips widen, pubic and underarm hair grow, the menstrual cycle begins.

Any two from: facial hair grows, voice deepens, muscles develop, shoulders broaden, sperm production starts.

Oestrogen is made by the ovaries.
Testosterone is made by the testes.