

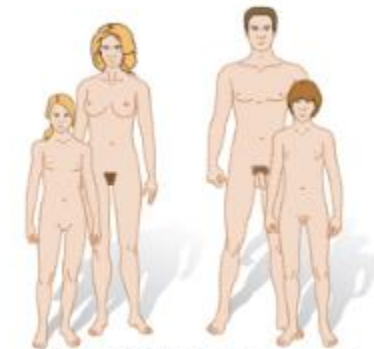
Box 1: Keywords

Word	Definition
uterus	Where a baby develops until its birth.
Embryo	A ball of cells that forms when the fertilised egg divides.
Fertilisation	The process where the nucleus of a sperm cell joins with the nucleus of an egg cell.
Gametes	Reproductive cells. The male gamete is a sperm cell and the female gamete is an egg cell.
Menstrual cycle	The monthly cycle during which the uterus lining thickens, and then breaks down and leaves the body if an egg is not fertilised.
Ovary	Contains egg cells.
Testes	The testes produce sperm and the male sex hormones.
Sex hormones	Chemical messengers that travel in the blood and cause the changes that take place during puberty and reproduction.
urethra	Tube that carries urine or sperm out of the body.

Box 2: Key skills

Box 3: Adolescence

The time during which you change from a child into an adult. The physical changes are known as puberty



▲ Figure 1 Physical changes take place during puberty.

Box 4: fertilisation

One egg is released from an ovary every month.

If a sperm meets an egg in the oviduct, fertilisation occurs.

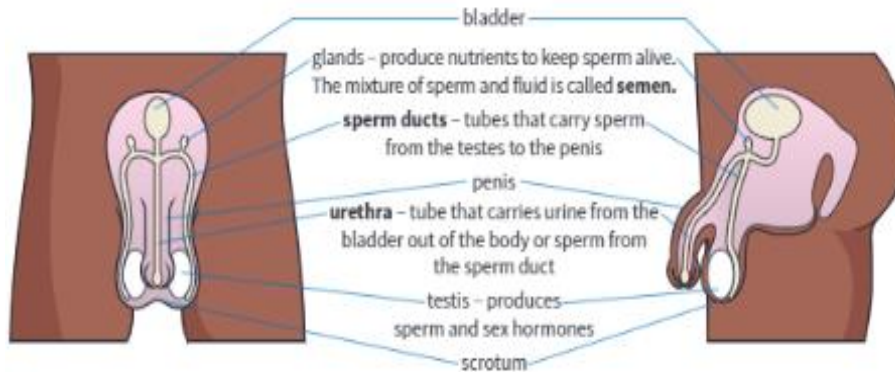
Sperm swim from the vagina, through the cervix, and into the uterus.

Many sperm die before they reach the oviduct.

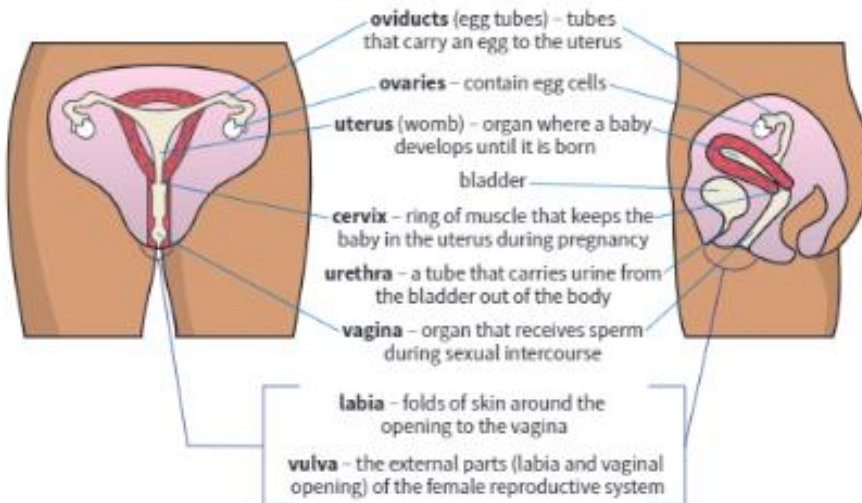
The fertilised egg travels down the oviduct and implants in the lining of the uterus.

▲ Figure 4 Sperm cells swim from the vagina to meet the egg cell.

Box 5:- reproductive systems



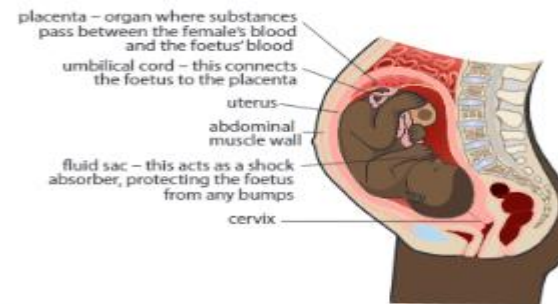
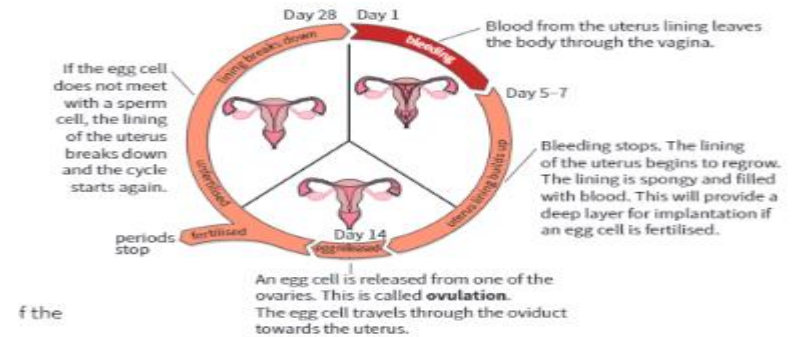
▲ Figure 2 The male reproductive system.



▲ Figure 1 The female reproductive system.

Box 6:-menstrual cycle and pregnancy

Figure 1 shows what happens during the menstrual cycle.



▲ Figure 1 A baby develops inside the uterus.

Box 7: Pathway

Previous knowledge: PSHE growing up

Future links: homeostasis

Careers: adult, doctor, nurse, midwife

Box 8: Cross curricular links