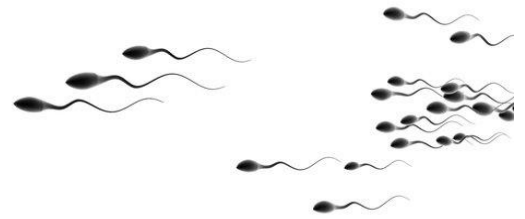


Unit Overview – Genes 2

Target grade for tests:

You will learn about:

- Reproduction – Animal and Plant



Skill focus:

- Evaluate the types of contraception
OR
- Evaluate the use of IVF

Key learning points		Key Words
Describe the structure and function of different parts of a flower		Stigma
Describe the structure and function of different parts of the male and female reproductive systems		Stamen/ anther
Describe fertilisation in humans		Pollination
Describe the role of gametes in fertilisation		Pollen
Describe the development of the foetus		Ovules
Explain how nutrient, waste and gas exchange happen in a developing foetus		Reproductive system
Describe the process of menstruation		Pregnancy
Compare the gametes in humans and plants		Ovulation
		Fertilisation
		Sperm
		Ovum
		Gamete
		Nucleus
		Chromosome
		Penis
		Testicle
		Vagina
		Ovary
		Fallopian tube/ oviduct
		Uterus
		Placenta
		Umbilical cord
		Amniotic fluid
		Menstruation
		Contraception

Links to other subjects:

RE

- Ethics in situation such as IVF
- Ethics/religious belief debate around contraception and abortion

Lifestyle

- Sexual reproduction

SMSC

- Consider the causes of and treatments for low fertility.

Numeracy

- Plot bar charts and line graphs to show discontinuous and continuous variation.

Literacy

- Persuasive writing around lifestyle choices for pregnant women.