

Year 5/6 Animals including Humans Knowledge Organiser



What do I know ?



- I know that animals, including humans, have offspring (child/young) which grow into adults.

Gems of knowledge



- I will explain the growth and development of animals.
- I will understand what puberty is and recognise how the human body changes during this period.

How will I work like a Scientist?

- I will plan different types of scientific enquiry to answer a variety of questions.
- I will recognise and control variables where necessary (Y5- with support).
- I will select all equipment needed (Y5- with support).
- I will use a range of scientific equipment to take measurements with increasing accuracy.
- I will identify when to take repeat readings (Y5- begin to understand).
- I will take repeat readings.
- I will record data and results of increasing complexity e.g. line graphs.
- I will report and present findings from enquiries, including conclusions and suggest causal relationships (Y5- with prompting).
- I will report and present findings from enquiries in oral and written forms.
- I will identify scientific evidence that has been used to support or challenge arguments.
- I will use test results to suggest further comparative or fair tests (Y6- make predictions)
- Y6 only- I will report and present findings from enquiries, including explanations of the validity of results.



Key vocabulary

Meaning

Puberty

The period where your body changes as you move from childhood to adulthood.

Fertilisation

The process of the male and female sex cells fusing together.

Gestation

The time between conception and birth where the embryo is developing in the uterus.

Reproduction

The process where plants and animals make copies of themselves.

Adolescence

The period where a person is between 13 and 19 years old. During this period, a person's body will change as they move from childhood to adulthood.

Significant Scientist



Virginia Apgar was an American doctor who developed a way to check the health of newborn babies. Apgar's method is called the Apgar Score System. **It has helped many infants receive immediate medical care before their conditions worsened.** The Apgar Score System is still used today.



Careers in Biology



An obstetrician is a doctor with specialist qualifications in delivering babies and providing medical care to women during and after pregnancy.

Read me!



Life Cycles From Everything
Start to Finish | DK book |
Sam Falconer.

Available to listen to on YouTube.

You're Only Old Once!
By Dr Seuss.