

Science Knowledge Organiser

Animals including humans: Human Development

Year 5

Main Foci: Biology

Year 5 Term 1

What should I already know from Years 3 and 4?

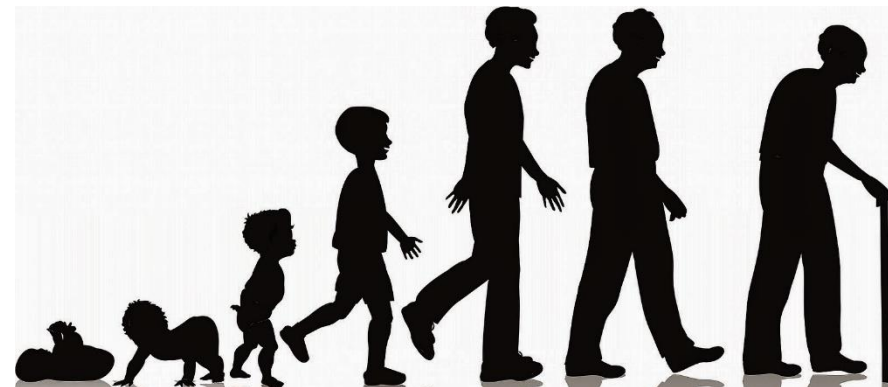
- The main body parts and internal organs.
- How to keep their bodies healthy and how their bodies might be damaged – including how some drugs and other substances can be harmful to the human body.

Vocabulary

Humans	We are humans, we are a mammal and have evolved over a long period of time.
Sexual reproduction	Sexual reproduction happens when male and female sex cells join – this is called fertilisation.
Asexual reproduction	Some living things can reproduce without sex cells needing to fuse together. Instead, they produce identical copies of themselves.
Gestation	The period of time that a mammal carries her offspring inside her before giving birth.

What will I know by the end of the unit?

How do humans develop?	Humans move through various stages of development as they grow: <ul style="list-style-type: none"> - prenatal/foetus - infant - toddler - child - adolescent - adult - elderly
What is gestation?	Gestation is the length of time which a female mammal carries her offspring inside her.
How and where is information about a baby recorded?	Information relating to a baby's growth is recorded in their red book using graphs and written data.
How do we change as we get older?	We need to stay healthy throughout our lives to increase the chances of staying healthy when we are old. Our bodies become particularly frail when we reach the elderly stage of human development as they have been working hard for a very long time!



Science Knowledge Organiser		
Animals including humans: Human Development	Year 5	Main Foci: Biology