Year 5 - Science

NC Unit: Animals including humans

How do bodies change as we get older?



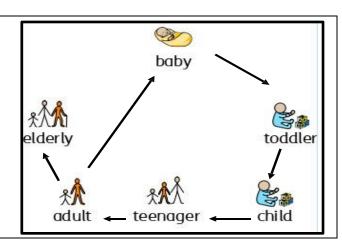


What should I know already?

- Animals can be grouped into vertebrates (and further into fish, reptiles, amphibians, birds and mammals).
- Some examples of life cycles (including those plants and humans)
- Reproduction and growth are two of seven life processes.
- How to live a healthy lifestyle.

Big Ideas this works towards.

 Living things are special collections of matter that make copies of themselves, use energy and grow.



Vocabulary	
adolescence	the period of your life in which you develop from being a child into being an adult
adulthood	the state of being an adult
development	the gradual growth or formation of something
foetus	an animal or human being in its later stages of development before it is born
genitals	the reproductive organs
gestation	the process in which babies grow inside their mother's body before they are born
growth	an increase in something
hormones	a chemical, usually occurring naturally in your body, that makes an organ of your body do something
independent	If someone is independent , they do not need help or money from anyone else.
infancy	the period of your life when you are a very young child
life cycle	the series of changes that an animal or plant passes through from the beginning of its life until its death
life processes	There are seven processes that tell us that living things are alive
mature	When a child or young animal matures , it becomes an adult
menopause	the time during which a woman gradually stops menstruating, usually when she is about fifty years old
menstruation	the approximately monthly discharge of blood by non-pregnant women from puberty to the menopause
offspring	a person's children or an animal's young
organ	a part of your body that has a particular purpose
puberty	the stage in someone's life when their body starts to become physically mature
rapid	A rapid change is one that happens very quickly
reproduction	when an animal or plant produces one or more individuals similar to itself
toddler	a young child who has only just learned to walk
vertebrate	a creature which has a spine

What will I know by the end of the unit?		
What are	foetus - an unborn animal or human being	
the main	in the very early stages of development	
stages of		
the human	newborn - this is a baby that has just been	
life cycle?	born.	
	infancy - this is a period of rapid change.	
	Many toddlers learn to walk and talk at this	
	stage.	
	childhood - children learn new things as	
	they grow. They become more	
	independent.	
	adolescence - this is when the body starts	
	to change and prepare itself for adulthood .	
	Hormonal changes take place over a few	
	years. This is also known as puberty.	
	,,	
	early adulthood - this is when humans are	
	usually at their fittest and strongest.	
	middle adulthood - changes such as hair	
	loss may happen. There are also some	
	hormonal changes again and the ability to	
	reproduce decreases.	
	land advision of the second se	
	late adulthood - there is a decline in fitness	
What is	and strength.	
puberty?	Puberty is the change that happens in late childhood and adolescence where the	
puberty:	body starts to change because of	
	hormones.	
	•Some changes include growth in height,	
	more sweat, hair growth on arms and	
	legs, under the armpits and on genitals ,	
	and growth in parts of the body such as	
	male genitals and breasts.	
	•Females begin to menstruate .	