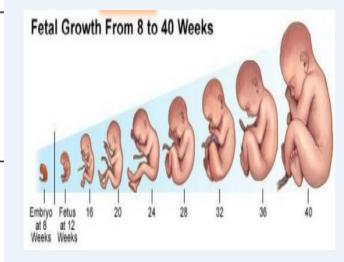
Science Year 5 Summer 2: Animals Including Humans

Key vocabulary to learn and use in your learning

Word	Definition
fertilisation	The process of the male and female sex cells fusing together.
gestation	The process of time when prenatal development takes places before birth.
reproduce	To produce young.
asexual reproduction	A process where one parent produces new life.
sexual reproduc- tion	A process where two parents—one male and one female—are required to produce new life.
adolescence	The social and emotional development between childhood and adult-
puberty	The physical stage of development between childhood and adulthood.
life expectancy	The length of time, on average, that a particular animal is expected to live.

Key knowledge to learn and use

	The human reproductive system	
1	What is fertilisation?	The male and female sex cells fuse together.
	What is puberty?	Usually, puberty starts between ages 8 and 13 in girls and ages 9 and 15 in boys. At that stage, their pituitary gland (a pea-shaped gland located at the bottom of your brain) releases special hormones that change and mature the body ready for reproduction.
	Becoming old	As you get older, your skin wrinkles because it becomes thinner and less elastic. It gets drier too as it makes less oil and sweat. Your bones become more visible as you store less fat beneath your skin. Inside the body your bones and muscle become weaker. Your memory gets worse, and your immune system cannot fight disease as easily.



fertilisation

The male and female sex cells fuse together.

















prenatal

The cells develop and grow into a foetus inside the mother's uterus. After around nine months, the baby is born.

infancy

Rapid growth and development. Children learn to walk and talk.

childhood

Children learn new skills and become more independent.

adolescence

The body starts to change over a few years. The changes occur to enable reproduction during adulthood. Much more independent.

middle adulthood

Ability to reproduce decreases. There may be hair loss or hair may turn grey.

late adulthood

Leading a healthy lifestyle can help to slow down the decline in fitness and health which occurs during this stage.

early adulthood

The human body is at its peak of fitness and strength.