| Year 5 Science Knowledge Organiser – Animals including Humans |

Key Vocabulary

prenatal	Prenatal means before birth. In humans, this stage lasts on average nine months or 40 weeks.	**life expectancy**	The length of time, on average, that a particular animal is expected to live.
adolescent	The time of a human's life when they are growing from a child into an adult. These are also called teenagers.	**growth rate**	The speed in which something gets bigger.
develop	To grow or change gradually.	**childhood**	The time that a human spends as a child.
chronological order	The order in which things happened, sometimes described as 'time order'.	**adulthood**	The time that a human spends as an adult.

Key Knowledge

The human life cycle is baby > child > adolescent > adult > elderly.
Humans grow and change in different ways in these stages: physically, emotionally and mentally.

Human **growth rate** is the fastest during the time humans are infants (0-3 years old) and during **puberty**.

Gestation is the time when a foetus is growing inside a womb. Different animals have gestation periods of different lengths. Scientists look for patterns in the gestation periods of different animals. They might look at the size or mass of the animals to consider if this has an effect on the length of the gestation period.



prenatal
The cells develop and grow into a foetus inside the female uterus. After about nine months, the baby is born.

infancy
Infants undergo rapid growth and development.
They 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.
Adolescents become much more independent.

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

middle adulthood
The 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 that occurs during this stage.