

# Science

All children – regardless of gender, starting point or background – will have the opportunity to engage with a high-quality science education. They will be equipped with the knowledge, skills and vocabulary to understand how science can be used to explain what is occurring, predict how things will behave and analyse caused. We intend to inspire a sense of enjoyment and curiosity about science.

## Animals Including Humans

Summer 1

### Igniting Prior Knowledge:

Year 2 - *Animals Including Humans*

Year 5 - *Living Things and Their Habitats*

### Key Vocabulary:

- Adolescent
- Puberty
- Hormones
- Life expectancy
- Gestation
- Pregnancy
- Embryo
- Foetus
- Uterus
- Menopause



### New Knowledge:

- There are seven stages in a human's development: prenatal, infancy, childhood, adolescence, early adulthood, middle adulthood and old age.
- The gestation period for humans is 40 weeks.
- When babies are young, they grow rapidly. They are very dependent on their parents.
- As children develop, they learn many skills.
- At puberty, a child's body changes and develops primary and secondary sexual characteristics. This enables the adult to reproduce.
- Changes in old age can be physical or mental.
- Mature women go through the menopause - their periods stop, meaning they can no longer have babies.
- Average life expectancy for men is 79 years and 83 years for women.