

In science we are learning about...

Evolution and Inheritance

Key Vocabulary



- **Inheritance** - characteristics that are passed on from biological parents to offspring
- **Environment** - an area containing many habitats, where living and non-living things belong
- **Biological Parent** - an animal that produces offspring (biological children)
- **Fossils** - the remains or impression of a prehistoric plant or animal embedded in rock
- **Variation** - the differences between groups of living things
- **Cells** - the building blocks that all living things are made of
- **Offspring** - the children of biological parents
- **Adaptation** - how living things change physically or behaviourally to suit their environment
- **Evolution** - slow process of how living things change over time to help them survive



Sticky Knowledge

- All living things are made of cells that contain chromosomes, DNA and genes
- Variation amongst animals is due to both inherited and adapted characteristics
- Habitats are specific places where animals or plants live (e.g. a tree) but environments are made up of many habitats (e.g. a forest)
- Evolution is the slow process of how living things change over time to survive and to better suit their environment
- Humans have used selective breeding to encourage desirable characteristics in plants and animals



Scientific enquiry



Links to Previous Learning

- Recognise that living things can be grouped in a variety of ways (Y4)
- Describe, in simple terms, how fossils are formed when things have lived are trapped within rock (Y3)
- Identify that humans and some other animals have skeletons and muscles for support, protection and movement (Y3)
- Identify that most living things live in habitats to which they are suited and describe how different habitats provide the basic needs of different animals and plants and how they depend on each other (Y2)
- Identify and name a variety of plants and animals in their habitats, including micro-habitats (Y2)

Aspirations

- Archaeologist
- Biologist



Our Characteristics

- Curiosity
- Making Links and Problem Solving

