

Early Years

- Ourselves – our senses
- Seasons- what do you expect to see?
- Plants- growing – what do they need.
- Life cycles
- Mini beasts



Year 1

- Humans – identify, name, draw and label basic parts of human body and say which part is associated with each sense.
- Animals – identify and name a variety of animals, describe and compare their structure – identify and name a variety of carnivores, omnivores and herbivores.

- Plants – identify basic structure of common plants and trees.
- Everyday materials – identify, compare and group together everyday materials, describe simple physical properties.
- Seasonal changes - observe changes across seasons and describe associated weather.

Year 2

- Animals including humans- know basic needs of animals, importance of exercise and healthy eating, know that animals grow.
- Plants- know what plants need.

- Observe/describe how seeds and bulbs grow.
- Living things and habitats- identify, name plants and animals in their habitats.
- Uses of everyday materials- identify/compare suitability of materials, find out how some materials can be changed.

Year 3

- Plants- explore requirements of plants for life and growth, identify and describe functions of plants, investigate the way water is transported, life cycles.
- Animals including humans- identify humans and other animals have skeletons and muscles for support, protection and movement.
- Forces and magnets – observe how magnets attract or repel each other.
- Light- recognise that shadows are formed when light is blocked.
- Rocks – compare and group together different types of rocks.

Year 4

- Animals including humans – types of teeth and functions, food chains
- Living things and their habitat- explore and use keys to group identify and name living things. Recognise environments change. Food chains
- Electricity- recognise common conductors and insulators, simple circuits.
- States of matter- compare and group materials together, know some materials change state. Evaporation/condensation in the water cycle. Reversible/irreversible.
- Sound – how sounds are made.



Science curriculum



Year 5

- Living things and their habitats – describe differences in life cycles, describe life processes of reproduction.
- Animals including humans – describe the changes as humans develop.
- Properties and changes of materials - compare together everyday materials, compare and group everyday materials on basis of properties.
- Forces – gravity, air resistance/friction.
- Earth and space- sun/earth/moon, earth rotation.

Year 6

- Animals including humans- human circulatory system, function of heart/blood vessels and blood.
- Living things – describe how they are classified.
- Electricity- more complex circuits, recognise symbols.
- Light – how do we see things?
- Evolution and Inheritance - Living things have changed over time, living things produce offspring, animals and plants have adapted over time