Science

Overview

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 3	Animals Including Humans	Rocks	Forces and Magnets	Light	Plants	Scientists and Inventors
Year 4	Animals Including Humans	States of matter	Electricity	Sound	Living things and their habitats	Scientists and Inventors
Year 5	Earth and Space	Properties and Changes in material	Living things and their habitats	Animals including humans	Forces	Scientists and Inventors
Year 6	Electricity	Evolution and Inheritance	Living things and their habitats	Animals including humans	Light	Scientists and Inventors

	Autumn Term	Spring Term	Summer Term
YEAR 3	**Animals including humans** The diet of humans and animals and how they use their skeletons for support, protection and movement. **Rocks** Sorting and classification of different types of rocks, how fossils are formed and what soils are made from.	**Forces and magnets** Movement of objects on different surfaces, magnetic forces and magnetic materials. **Light** Why we need light, how it is reflected, the hazards of the sun and how shadows are formed.	**Plants** Identification of plant parts and their functions, the plant life cycle and how water is transported. **Scientists and Inventors** Summarises all the topics taught throughout the year and links them to famous Scientists and Inventors from all over the world.
YEAR 4	**Animals including humans** Functions of the basics parts of the human digestive system, different types of teeth and their functions and food chains. **States of matter** Classification of different materials – solids, liquids and gases and their changing states.	**Electricity** Common electrical appliances, simple circuit making and the variables that affect the strength of a circuit. **Sound** How sounds are made, sound travel and how it is produced.	**Living things and their habitats** Classification of living things in the local and wider environment and how they change over time. **Scientists and Inventors** Summarises all the topics taught throughout the year and links them to famous Scientists and Inventors from all over the world.

YEAR 5	**Earth and Space** Movement of the planets in the solar system and how day and night is formed. **Properties and changes in materials** **C**lassification of materials based on their properties and the conducting of fair tests to demonstrate this.	**Living things and their habitats** Differences between some life cycles and reproduction in plants and animals. **Animals, including humans** Describe the changes as humans develop to old age.	**Forces** The effect of gravity on objects and identifying, understanding and demonstrating the different forces. **Scientists and Inventors** Summarises all the topics taught throughout the year and links them to famous Scientists and Inventors from all over the world.
YEAR 6	**Electricity** Investigating how the strength of the components of a circuit affects the bulbs and buzzers and using symbols to represent components. **Evolution and inheritance** How living things have changed over time, how fossils are formed and how living things reproduce offspring that vary.	**Living things and their habitats** Classification of microorganisms, plants and animals based on similarities and differences. **Animals including Humans** The main parts of the human circulatory system and describing their functions, describing the ways in which nutrients and water are transported within animals and humans.	**Light (how we see things)** How light travels and why shadows are formed **Scientists and Inventors** Summarises all the topics taught throughout the year and links them to famous Scientists and Inventors from all over the world.