	AUTUMN TERM	SPRING TERM	SUMMER TERM
YEAR 3	**AUTUMN 1** **Animals including humans –** the diet of humans and animals and how they use their skeletons for support, protection and movement. **AUTUMN 2** **Forces and magnets –** movement of objects on different surfaces, magnetic forces and magnetic materials.	**SPRING 1** **Rocks –** sorting and classification of different types of rocks, how fossils are formed and what soils are made from. **SPRING 2** **Light –** why we need light, how it is reflected, the hazards of the sun and how shadows are formed.	**SUMMER 1** **Plants –** identification of plant parts and their functions, the plant life cycle and how water is transported. **SUMMER 2** **OPTIONAL TOPIC**
YEAR 4	**AUTUMN 1** **Animals including humans –** functions of the basics parts of the human digestive system, different types of teeth and their functions and food chains. **AUTUMN 2** **Sound –** how sounds are made, sound travel and how it is produced.	**SPRING 1** **Electricity -** common electrical appliances, simple circuit making and the variables that affect the strength of a circuit. **SPRING 2** **States of matter** – classification of different materials – solids, liquids and gases and their changing states.	**SUMMER 1** **Living things and their habitats –** classification of living things in the local and wider environment and how they change over time. **SUMMER 2** **OPTIONAL TOPIC**

YEAR 5	**AUTUMN 1** **Animals including humans -** how humans change from birth to old age. **AUTUMN 2** **Living things and their habitats –** differences between some life cycles and reproduction in plants and animals.	**SPRING 1** **Earth and Space –** movement of the planets in the solar system and how day and night is formed. **SPRING 2** **Forces -** the effect of gravity on objects and identifying, understanding and demonstrating the different forces.	**SUMMER 1** **Properties and changes in materials –** classification of materials based on their properties and the conducting of fair tests to demonstrate this. **SUMMER 2** **OPTIONAL TOPIC**
YEAR 6	**AUTUMN 1** **Living things and their habitats -** classification of micro-organisms, plants and animals based on similarities and differences. **AUTUMN 2** **Electricity –** investigating how the	**SPRING 1** **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. **SPRING 2** **Evolution and inheritance –** how	**SUMMER 1** **OPTIONAL TOPIC** **SUMMER 2** **Light (how we see things) –** how

	strength of the components of a circuit affects the bulbs and buzzers and using symbols to represent components.	living things have changed over time, how fossils are formed and how living things reproduce offspring that vary.	light travels and why shadows are formed.