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|  | 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**  **Sex and Relationships Education** -  differences between males and females, personal space and different families. |
| 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**  **States of matter –** classification of different materials – solids, liquids and gases and their changing states. | **SPRING 1**  **Electricity -** common electrical appliances, simple circuit making and the variables that affect the strength of a circuit.  **SPRING 2**  **Sound –** how sounds are made, sound travel and how it is produced. | **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**  **Sex and Relationships Education –** the human life cycle, basic facts about puberty and the link between puberty and reproduction. |
| YEAR 5 | **AUTUMN 1**  **Earth and Space –** movement of the planets in the solar system and how day and night is formed.  **AUTUMN 2**  **Properties and changes in materials –** classification of materials based on their properties and the conducting of fair tests to demonstrate this. | **SPRING 1 AND SPRING 2**  **Living things and their habitats –** differences between some life cycles and reproduction in plants and animals. | **SUMMER 1**  **Forces -** the effect of gravity on objects and identifying, understanding and demonstrating the different forces.  **SUMMER 2**  **Sex and Relationships Education -** describing how the body changes during puberty,exploring the process of emotional and physical change and exploring positive and negative ways of communicating in a relationship. |
| YEAR 6 | **AUTUMN 1**  **Electricity –** investigating how the strength of the components of a circuit affects the bulbs and buzzers and using symbols to represent components.  **AUTUMN 2**  **Evolution and inheritance –** how living things have changed over time, how fossils are formed and how living things reproduce offspring that vary. | **SPRING 1**  **Living things and their habitats -** classification of micro-organisms, plants and animals based on similarities and differences.  **SPRING 2**  **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. | **SUMMER 1**  **Light (how we see things) –** how light travels and why shadows are formed  **SUMMER 2**  **Sex and Relationships Education**  describing how the body changes during puberty,exploring the process of emotional and physical change and exploring positive and negative ways of communicating in a relationship. |