



Unit Provision: KS3 Science Curriculum Learning Journey 2021 – 2022

Term 1	Physics: Electricity	<ul style="list-style-type: none"> - Recognises electrical/non-electrical objects - Electricity and its uses - Electrical safety - Simple circuits - Series circuits - Conductors and insulators - Measuring electricity - Static electricity - Electro magnets
Term 2	Biology/Chemistry/ Physics: Scientific Statistics	<ul style="list-style-type: none"> - Carries out experiments - Observe and respond to change - Recording data and information - Collects results - Grouping and classification - Graphs and charts - Data analysis
Term 3	Biology: Living Things and their Habitat	<ul style="list-style-type: none"> - Plants - Animal grouping and classification - Attributes of habitats - Environments and their changes - Food chains - Life cycles - Reproduction of plants - Extinction
Term 4	Chemistry: Everyday Materials	<ul style="list-style-type: none"> - Material identification - Material properties - Textures - Materials and their purpose - Metals/Non-metals - Material experimentation
Term 5	Physics: Light	<ul style="list-style-type: none"> - Light sources including man-made and natural - Dark/Light - Shadows - Reflection - Transparent, translucent and opaque - Light waves
Term 6	Biology: Evolution, Adaptation and Inheritance	<ul style="list-style-type: none"> - Similarities and differences - Characteristics - Sequencing events - Fossils - Change over time including adaptation - Metamorphosis - Hibernation - Extinction - Chromosomes, genes and DNA



Quality of Education

Big Ideas:

To increase students overall understanding of how and why things work.

Individual Need:

Students will access varying amounts of the big ideas content dependent on individual need.