

Holme Community School – Long Term Curriculum Planning- Curriculum Overview for **Science**

*Seasonal changes in key stage one will be taught in the first week of every half term to ensure that children are observing over time.

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 1&2 (Cycle A)	Animals including Humans Naming animals and body parts		Plants Names and structure of plants		Everyday Materials Names and properties of simple materials	
Year 1&2 (Cycle B)	Animals including Humans Health and Growth		Uses of Everyday Materials suitability and changing shapes of materials		Plants Growing conditions for seeds and bulbs	Living things and their Habitats suitable habitats/simple food chains
Year 3&4 (Cycle A)	Electricity simple circuit, switches, conductors and insulators	Sound fainter sounds further away, vibrations, pitch and volume	Animals including Humans teeth, eating and digestions		Plants Function of plants and lifecycles	Light Dark is the absence of light and shadows
Year 3&4 (Cycle B)	Rocks and Soils Simple properties, fossils & rocks	Animals including Humans Skeletons	Forces and Magnets Friction, how things move on different surfaces & magnets		States of Matter solids, liquids, gases, heating & cooling, water cycle	Living things and their Habitats grouping and simple classifying/changes to habitats can pose dangers
Year 5&6 (Cycle A)	Earth & Space Earth & other planets	Forces Gravity, friction, air-resistance, levers, pulleys and gears	Properties and changes of Materials more properties including thermal and electrical conductivity, mixing and separating reversible and irreversible		Animals including Humans Changes in humans as they grow	Living things and their Habitats Lifecycles & reproduction
Year 5&6 (Cycle B)	Electricity what affects bulb brightness, buzzer volume, voltage, symbols	Light How we see things, light travelling in a straight line	Evolution and Inheritance Fossils and adaptation		Animals including Humans circulatory system, functions of heart, blood vessels and blood	Cells Classifying including micro-organisms