SCIENCE CURRICULUM PROGRESSION OVERVIEW

	Year 3	Year 4	Year 5	Year 6
Autumn Term 1	**Plants** - Identify and describe the different parts of a plant - Requirements for growth - Water transportation - Growing plants	**Animals including Humans** - Human digestive system - Teeth - Animal food chains	**Living Things and their Habitats** - Plant reproduction – non-flowering plants, asexual and sexual reproduction - Animal lifecycles	**Living Things and their Habitats** - Classification of plants, animals and microorganisms, including drawing their own key - Recognising the features of plants, animals and microorganisms
Autumn Term 2	**Plants** - Life cycle of flowering plants - Growing and observing plants	**States of Matter** - Compare and group materials - Properties of solids, liquids and gases - Effects of heating and cooling - Evaporation, condensation and the water cycle	**Living Things and their Habitats** continued **Animals including Humans** - human lifecycle - puberty	**Evolution and Inheritance** - Recognise how living things have changed over time and the information fossils give us - How offspring vary from their parents - Understanding the link between adaptation and evolution
Spring Term 1	**Rocks and Soils** - Compare and group rocks - Fossil formation - Understand the composition of soil	**Electricity** - Identify appliances that run on electricity - Construct simple circuits (informal notation) - Understand switches - Identify conductors and insulators	**Light** - Recognise that light travels in straight lines - How our eyes see objects - How light can be reflected, refracted and separated - Investigating shadows	**Evolution and Inheritance** Continued
Spring Term 2	**Animals including Humans** - Healthy eating and nutrition - Skeleton and muscles	**Sound** - Understand sounds are made by vibrations - How sound travels - Pitch and volume	**Light – continued** **Earth and Space** - Movement of planets in our solar system - Movement of the Moon relative to the Earth - What causes day/night and the seasons	**Animals including Humans** - heart and circulatory system - healthy eating and lifestyle

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Summer Term 1	**Forces and Magnets** - Comparing different surfaces - attraction and repulsion - compare and group materials based on magnetism understand poles	**Living Things and their Habitats** - Grouping living things - Using classification keys to group and identify - Recognise the impact of changes to environment on living things	**Forces** - Understanding gravity - Air resistance, water resistance and friction - Understanding levers, pulleys, gears and their effect	**Electricity** - How brightness of a lamp/buzzer changes with voltage - Comparing and giving reasons for variations in component function - Using recognised symbols to draw circuit diagrams
Summer Term 2	**Light** - recognise that light is needed to see - reflection - dangers of the sun and ways to protect ourselves shadows and how they change	**Living Things and their Habitats** Continued	**Forces** Continued	**Properties and Changes of Materials** - Compare and group materials based on their properties (hardness, solubility, transparency, conductivity, response to magnets). - Dissolving and recovery - Separation (filtering, sieving, evaporation) - Testing uses of everyday materials - Reversible and irreversible reactions.