


Subject Overview: Science

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Reception	Introduction to Science. Looking at everyday materials – Outdoor learning walk.	Changing seasons Hibernation	Space Forces	Recycling	Planting and Growing Features of a plant	Farm animals My senses
Year 1	Seasonal Change <ul style="list-style-type: none"> • The four seasons • Seasonal weather 	Everyday materials <ul style="list-style-type: none"> • Properties of materials • Grouping materials 	Animals including humans <ul style="list-style-type: none"> • Human body and senses 	Animals including humans <ul style="list-style-type: none"> • Name common animals • Carnivores, Herbivores, Omnivores 	Plants <ul style="list-style-type: none"> • Plant structure 	Plants <ul style="list-style-type: none"> • Common plants
Year 2	Everyday materials <ul style="list-style-type: none"> • Identify different materials • Name everyday materials • Properties of materials 	Everyday materials <ul style="list-style-type: none"> • Compare the use of different materials • Compare movement on different surfaces 	Animals, including humans <ul style="list-style-type: none"> • Animal reproduction • Healthy living • Basic needs 	All living things and their habitats <ul style="list-style-type: none"> • Alive or dead • Habitats • Adaptations • Food chains 	Plants <ul style="list-style-type: none"> • Plant and seed growth • Plant reproduction 	Plants <ul style="list-style-type: none"> • Keeping plants healthy

Year 3	Rocks <ul style="list-style-type: none"> Fossil formation Compare and group rocks Soil 	Light <ul style="list-style-type: none"> Reflections Shadows	Forces <ul style="list-style-type: none"> Different Forces Magnets 	Plants <ul style="list-style-type: none"> Basic structure and functions Plant life 	Plants <ul style="list-style-type: none"> Life cycle Water transportation 	Animals including humans <ul style="list-style-type: none"> Skeleton and muscles Nutrition Exercise and health
Year 4	Electricity <ul style="list-style-type: none"> Uses of electricity Simple circuits and switches Conductors and insulators 	Sound <ul style="list-style-type: none"> How sounds are made Sound vibrations Pitch and Volume 	Animals, including humans <ul style="list-style-type: none"> Digestive system Teeth Food chains 	All living things and their habitats <ul style="list-style-type: none"> Grouping living things Classification keys Adaptation of living things 	States of matter <ul style="list-style-type: none"> Compare and group materials Solids, liquids and gases Changing state 	States of matter <ul style="list-style-type: none"> Water cycle
Year 5	Forces <ul style="list-style-type: none"> Gravity Friction Forces and motion of mechanical devices 	Earth and Space <ul style="list-style-type: none"> Movement of the Earth and the planets Movement of the Moon Night and day 	Animals, including humans <ul style="list-style-type: none"> Changes as humans develop from birth to old age 	All living things and their habitats <ul style="list-style-type: none"> Life cycles – plants and animals Reproductive processes Famous naturalists 	Properties and changes in materials <ul style="list-style-type: none"> Compare properties of everyday materials Soluble/ dissolving 	<ul style="list-style-type: none"> Properties and changes in materials Reversible and irreversible substances
Year 6	Electricity <ul style="list-style-type: none"> Electrical components Simple circuits Fuses and voltage 	Light <ul style="list-style-type: none"> How light travels Reflection Ray models of light 	Animals, including humans <ul style="list-style-type: none"> The circulatory system Water transportation 	All living things and their habitats <ul style="list-style-type: none"> Classification of living things and the reasons for it 	Evolution and inheritance <ul style="list-style-type: none"> Identical and non-identical off-spring 	Evolution and inheritance <ul style="list-style-type: none"> Adaptation and evolution

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