


Subject Overview: Science

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Daycare	All about me – exploring the natural world and natural objects	Sensory Seasons – exploring natural textures, animals and seasonal changes	Once upon a time – Noticing light and shadows Plants	Who can help me? – exploring materials and simple natural processes	Let's go outside – planting seeds	Noisy farm – exploring how plants change and grow
Nursery	Me and my home – investigating materials and how they change	Amazing Autumn – investigating seasons and weather	Once upon a time – exploring light and shadows. Growth and habitats	People who help us – Forces and changes of state	In the garden – Investigating water, and life cycles	Fabulous farm animals – Investigating living things
Reception	In my Manchester home – Senses, hygiene, the human body	Tremendous trees and woodland animals – Trees, animals and habitats	Once upon a time – Plants and animals	Home and away – Investigating light and shadows, floating and sinking, caring for the environment	In the garden – plant and animal lifecycles and food chains	Down on the farm – identifying farm animals and understanding their basic needs.
Year 1	Everyday materials <ul style="list-style-type: none"> • Properties of materials 	Seasonal Change <ul style="list-style-type: none"> • The four seasons • Seasonal weather 	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 	Plants <ul style="list-style-type: none"> • Plant structure • Common plants 	Revisit (based on assessment)

	<ul style="list-style-type: none"> Grouping materials 			<ul style="list-style-type: none"> Carnivores, Herbivores, Omnivores 		
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 Keeping plants healthy 	Revisit (based on assessment)
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 	Animals including humans <ul style="list-style-type: none"> Skeleton and muscles Nutrition Exercise and health	Plants <ul style="list-style-type: none"> Life cycle Water transportation Basic structure and functions <ul style="list-style-type: none"> Plant life 	Revisit (based on assessment)
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 Water Cycle 	Revisit (based on assessment)
Year 5	Forces <ul style="list-style-type: none"> Gravity Friction 	Earth and Space <ul style="list-style-type: none"> Movement of the Earth 	Animals, including humans	All living things and their habitats	Properties and changes in materials	Revisit (based on assessment)

	<ul style="list-style-type: none"> Forces and motion of mechanical devices 	<p>and the planets</p> <ul style="list-style-type: none"> Movement of the Moon Night and day 	<ul style="list-style-type: none"> Changes as humans develop from birth to old age 	<ul style="list-style-type: none"> Life cycles – plants and animals Reproductive processes Famous naturalists 	<ul style="list-style-type: none"> Compare properties of everyday materials Soluble/ dissolving Reversible and irreversible substances 	
Year 6	<p>Electricity</p> <ul style="list-style-type: none"> Electrical components Simple circuits Fuses and voltage 	<p>Light</p> <ul style="list-style-type: none"> How light travels Reflection Ray models of light 	<p>Animals, including humans</p> <ul style="list-style-type: none"> The circulatory system Water transportation Impact of exercise on body 	<p>All living things and their habitats</p> <ul style="list-style-type: none"> Classification of living things and the reasons for it 	<p>Evolution and inheritance</p> <ul style="list-style-type: none"> Identical and non-identical off-spring Fossil evidence and evolution Adaptation and evolution 	<p>Revisit (based on assessment)</p>