



Key Stage 1 and 2 Science Curriculum

Cycle A

	Autumn	Spring	Summer
Class 1	<p>Animals including humans - Health and Growth.</p> <ul style="list-style-type: none"> • Look at seeds • Grow plants • Food from animals • Healthy eating 	<p>Everyday Materials - names and properties of simple materials.</p> <ul style="list-style-type: none"> • Properties of fabrics • Everyday materials used in our homes 	<p>Forces - Pushes and pulls</p> <ul style="list-style-type: none"> • Playground equipment • Toys • Vehicles
Class 2	<p>Animals including humans - Health and Growth</p> <ul style="list-style-type: none"> • Food • Hygiene • Exercise • Survival 	<p>Everyday materials - names and properties of simple materials.</p> <ul style="list-style-type: none"> • Comparing and grouping everyday materials • Describing physical properties 	<p>Forces - Pushes and Pulls</p> <ul style="list-style-type: none"> • Wheels and axles <p>Plants</p> <ul style="list-style-type: none"> • Names of common plants including trees • Plant structure • Growing conditions for seeds and bulbs
Class 3	<p>Sound</p> <ul style="list-style-type: none"> • Fainter sounds further away 	<p>Electricity</p> <ul style="list-style-type: none"> • Simple circuit, 	<p>Living things and their habitats</p> <ul style="list-style-type: none"> • Grouping and simple classifying

	<ul style="list-style-type: none"> • Vibrations - where does sound come from • How sound travels through the ear 	<ul style="list-style-type: none"> • Switches, • Conductors and insulators States of matter <ul style="list-style-type: none"> • Solids, liquids, gases • Heating and cooling, • Water cycle 	<ul style="list-style-type: none"> • Changes to habitats can pose dangers Animals, including humans <ul style="list-style-type: none"> • Teeth, Eating and digestion
Class 4	Properties and changes of materials <ul style="list-style-type: none"> • compare and group materials • understand different materials • separating mixtures • uses of everyday materials • reversible and irreversible changes Linked to forest School Forces <ul style="list-style-type: none"> • gravity • air resistance • water resistance friction	Earth and Space (other planets) <ul style="list-style-type: none"> • movement of the Earth • movement of the Moon • describe the Sun, Earth and Moon as spherical bodies • day and night 	Living things and their habitats <ul style="list-style-type: none"> • life cycles Animals Including Humans <ul style="list-style-type: none"> • reproduction of animals • changes through childhood to adulthood. Animals Including Humans <ul style="list-style-type: none"> • Life processes and reproduction
Class 5	Electricity <ul style="list-style-type: none"> • lighting bulbs • different cells affecting bulbs / buzzers • switches • circuit diagrams 	Evolution and Inheritance <ul style="list-style-type: none"> • how living things change • study fossils • living things produce offspring • adaptation • Charles Darwin 	Living things and their habitats <ul style="list-style-type: none"> • classifying living things Animal including humans. <ul style="list-style-type: none"> • human circulatory system, • diet, exercise and drugs • nutrients and water.

	Light <ul style="list-style-type: none"> • light travelling in straight lines • light sources • reflectors • periscopes 		
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Cycle B

	Autumn	Spring	Summer
Class 1	Animals including humans <ul style="list-style-type: none"> • Body parts • Senses 	Living things and their habitats <ul style="list-style-type: none"> • British wildlife • Pets • Animals from around the world 	Uses of everyday materials <ul style="list-style-type: none"> • Seaside - sand and water • Floating and sinking • Changing shape
Class 2	Animals including humans <ul style="list-style-type: none"> • Life cycles • Names of different types of animals • Body parts • Senses 	Uses of everyday materials <ul style="list-style-type: none"> • Suitability • Changing shape Sound	Living things and their habitats <ul style="list-style-type: none"> • Nocturnal animals • Simple food chains • Minibeasts Light
Class 3	Rocks <ul style="list-style-type: none"> • Simple properties • Fossils • Soils 	Forces and Magnets <ul style="list-style-type: none"> • Friction-how things move on different surfaces • Magnets Animals including Humans <ul style="list-style-type: none"> • Skeletons 	Plants <ul style="list-style-type: none"> • Functions of parts • Lifecycle Light <ul style="list-style-type: none"> • Dark is the absence of light • Size of shadows

Class 4	<p>Animals Including Humans</p> <ul style="list-style-type: none"> • Life processes and reproduction <p>Living things and their habitats</p> <ul style="list-style-type: none"> • life cycles <p>Animals Including Humans</p> <ul style="list-style-type: none"> • reproduction of animals • changes through childhood to adulthood. 	<p>Earth and Space (other planets)</p> <ul style="list-style-type: none"> • movement of the Earth • movement of the Moon • describe the Sun, Earth and Moon as spherical bodies • day and night 	<p>Properties and changes of materials</p> <ul style="list-style-type: none"> • compare and group materials • understand different materials • separating mixtures • uses of everyday materials • reversible and irreversible changes <p>Forces</p> <ul style="list-style-type: none"> • gravity • air resistance • water resistance • friction
Class 5	<p>Electricity</p> <ul style="list-style-type: none"> • lighting bulbs • different cells affecting bulbs / buzzers • switches • circuit diagrams <p>Light</p> <ul style="list-style-type: none"> • light travelling in straight lines • light sources • reflectors • periscopes 	<p>Evolution and Inheritance</p> <ul style="list-style-type: none"> • how living things change • study fossils • living things produce offspring • adaptation • Charles Darwin 	<p>Living things and their habitats</p> <ul style="list-style-type: none"> • classifying living things <p>Animal including humans.</p> <ul style="list-style-type: none"> • human circulatory system, • diet, exercise and drugs • nutrients and water.