

KS1 SCIENCE 2 Year Rolling Programme (Working Scientifically is embedded in each unit)

KS1	Autumn		Spring		Summer	
A 22/23	<p><b>Animals including humans- Amazing Me!</b> Pupils should be taught to:</p> <ul style="list-style-type: none"> <li>a) notice that animals, including humans, have offspring which grow into adults</li> <li>b) find out about and describe the basic needs of animals, including humans, for survival (water, food and air)</li> <li>c) describe the importance the importance for humans of exercise, eating the right amounts of different types of food, and hygiene.</li> </ul>	<p><b>Seasonal Changes- Wild Weather</b> Pupils should be taught to:</p> <ul style="list-style-type: none"> <li>a) observe changes across the 4 seasons</li> <li>b) observe and describe weather associated with the seasons and how day length varies</li> </ul>	<p><b>Everyday Materials- Brilliant Builders</b> Pupils should be taught to:</p> <ul style="list-style-type: none"> <li>a) distinguish between an object and the material from which it is made</li> <li>b) identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock</li> <li>c) describe the simple physical properties of a variety of everyday materials.</li> </ul>	<p><b>Plants-Growing Things</b> <i>Pupils should be taught to:</i></p> <ul style="list-style-type: none"> <li><i>a) observe and describe how seeds and bulbs grow into mature plants</i></li> <li><i>b) find out and describe how plants need water, light and a suitable temperature to grow and stay healthy.</i></li> </ul>	<p><b>Animals including Humans-Wild and wonderful creatures</b> Pupils should be taught to:</p> <ul style="list-style-type: none"> <li>a) identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals</li> <li>b) identify and name a variety of common animals that are carnivores, herbivores and omnivores</li> </ul>	<p><b>Living things and their Environment- Food Chains</b> Pupils should be taught to:</p> <ul style="list-style-type: none"> <li>a) explore and compare the differences between things that are living, dead, and things that have never been alive</li> <li>b) identify that most living things live in habitats to which they are suited and describe how different habitats provide for the basic needs of different kinds of animals and plants, and how they depend on each other</li> </ul>

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B 23/24	<p><b>Animals including humans</b></p> <p>Pupils should be taught to:</p> <p>a) describe and compare the structure of a variety of common animals (fish, amphibians, reptiles, birds and mammals including pets)</p> <p>b) identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense.</p>	<p><b>Seasonal changes/Weather</b></p> <p>Pupils should be taught to:</p> <p>a) observe changes across the 4 seasons</p> <p>b) observe and describe weather associated with the seasons and how day length varies</p>	<p><b>Comparing everyday materials</b></p> <p>Pupils should be taught to:</p> <p>a) distinguish between an object and the material from which it is made</p> <p>b) identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock</p> <p>c) describe the simple physical properties of a variety of everyday materials</p> <p>d) compare and group together a variety of everyday materials on the basis of their simple physical properties.</p>	<p><b>Plants-(Art and Nature)</b></p> <p>Pupils should be taught to:</p> <p>a) identify and name a variety of common wild and garden plants, including deciduous and evergreen trees.</p> <p>b) identify and describe the basic structure of a variety of common flowering plants, including trees.</p>	<p><b>Everyday Materials- Exploring Changes</b></p> <p>a) Identify materials and their purposes</p> <p>b) Investigate their suitability for use</p> <p>c) Find out how some materials can be changed by squashing, bending, twisting or stretching.</p>	<p><b>Living things and their Environment- Habitats and Homes</b></p> <p>Pupils should be taught to:</p> <p>a) explore and compare the differences between things that are living, dead, and things that have never been alive.</p> <p>b) identify that most living things live in habitats to which they are suited and describe how different habitats provide for the basic needs of different kinds.</p>