

# F1 Science Long Term Plan

Topic	Health and self care  (Throughout the year.)	Nursery Rhymes/ Rhymes/ All about me  Autumn 1	Nursery rhymes/ Christmas  Autumn 2	We're going to the zoo!  Spring 1	Lost words- butterflies  Traditional Tales  Spring 2	Pirates  Summer 1	People who help us/ Olympics.  Summer 2
<p><b>Links to Development Matters 3-4</b></p>		<p><i>Talk about what they see, using a wide vocabulary.</i></p> <p><i>Explore the natural world around them.</i></p> <p><i>Describe what they see, hear and feel whilst outside.</i></p> <p><i>Understand the effect of changing seasons on the natural world around them.</i></p>	<p><i>Begin to make sense of their own life-story and family's history.</i></p> <p><i>Explore the natural world around them.</i></p> <p><i>Describe what they see, hear and feel whilst outside.</i></p> <p><i>Understand the effect of changing seasons on the natural world around them.</i></p>	<p><i>Talk about what they see, using a wide vocabulary.</i></p> <p><i>Plant seeds and care for growing plants.</i></p> <p><i>Understand the key features of the life cycle of a plant and an animal.</i></p> <p><i>Explore the natural world around them.</i></p> <p><i>Describe what they see, hear and feel whilst outside.</i></p> <p><i>Understand the effect of changing seasons on the natural world around them.</i></p> <p><i>Recognise some environments that are</i></p>	<p><i>Explore collections of materials with similar and/or different properties.</i></p>	<p><i>Explore collections of materials with similar and/or different properties.</i></p> <p><i>Talk about what they see, using a wide vocabulary.</i></p> <p><i>Explore how things work.</i></p>	<p><i>Repeat actions that have an effect.</i></p> <p><i>Explore collections of materials with similar and/or different properties.</i></p> <p><i>Explore how things work.</i></p> <p><i>Explore and talk about different forces they can feel.</i></p>

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				<i>different from the one in which they live.</i>			
<b>F1 Key Learning</b>	<p>I can talk about how to keep clean.</p> <p>I can talk about why I need to wash my hands.</p> <p>I can sort foods that are healthy or unhealthy.</p> <p>I know I need to do</p>	<p>I can talk about the weather and what clothes to wear in cold weather.</p>	<p>I can talk about how I have grown from when I was a baby.</p> <p>I can talk about how I look different from when I was a baby and now, what I can do now. E.g size of clothes etc.</p> <p>I can use words to describe the cold and what happens when ice is in my hand.</p>	<p>I can explain that plants grow and die over time. (observing the growth of cress and fruit decay).</p> <p>I know that you have to look after and take care of living things to help them to grow.</p> <p>I can talk about how butterflies grow.</p>	<p>I can talk about the materials of some objects and say if they are hard and soft, strong or weak.</p> <p>I can explain which materials would make a strong bridge.</p>	<p>I can talk about which materials float and sink.</p> <p>I can begin to explain why some materials float and sink.</p>	<p>I can talk about how my body changes after exercising.</p> <p>I can talk about how to keep my body healthy such as eating healthy foods, exercising, sleeping and keeping my body clean.</p> <p>I can talk about how I</p>

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	some exercise to keep fit and healthy.						<p>know it is the Summer time by looking at the environment around me.</p> <p>I can explore forces using cars and ramps.</p>
<b>Experiences</b>	<p>Health Week</p> <p>Mental Health Awareness Week</p>	<p>Autumn Walk</p> <p>Making observational drawings in the outdoor area.</p>	<p>Melting investigation The spider is trapped in the ice. How can we help him escape?</p>	<p>Spring Walk</p> <p>Visit from the hedgerow society</p> <p>Visit from the hedgehog sanctuary</p> <p>Grow a grass caterpillar using grass seeds growing through tights.</p>	<p>British Science Week</p> <p>Which materials would make a good bridge for the 3 Billy goats to cross over? Explore collections of materials with similar and/or different properties.</p> <p>Baking</p>	<p>Floating and sinking investigations in our water trays.</p>	<p>Explore and talk about different forces they can feel when rolling cars down ramps etc.</p>