

The John Moore Primary School Science Long Term Plan



	Autumn Term 1	Autumn Term 2	Spring Term 1	Spring Term 2	Summer Term 1	Summer Term 2
Little Foxes Preschool						
Foundation Stage (Understanding the world)	Human Growth <i>How have I changed since I was a baby?</i>	Healthy Eating <i>Which foods are good for me?</i>	Keeping Healthy (Exercise) <i>What happens to my body when I exercise?</i>	Keeping healthy (Hygiene) <i>Why should I keep my body clean?</i>	Growing – Plants <i>How can I make a seed grow?</i>	Growing – Animals (Life cycles) <i>How does an egg/chick Change over time?</i>
Seasonal Changes – Ongoing throughout the year What changes can I see, hear and feel over time in our environment?						
Year 1/2 Year A	Animals inc. Humans <i>How does a tadpole/chick/caterpillar change over time?</i>	Animals inc. Humans <i>How do humans keep healthy?</i>	Uses of Everyday Materials <i>How can we change materials?</i>	Uses of Everyday Materials <i>Which materials would we use to build a shelter for a human?</i>	Plants <i>Do bigger seeds grow into bigger plants?</i>	Living Things and their Habitats <i>Can all animals survive in cold climates?</i>
Seasonal Changes – Ongoing throughout the year – How does a tree change over time?						
Year 1/2 Year B	Animals inc. Humans <i>How can we organise/sort these animals?</i>	Animals inc. Humans <i>How can we group these animals based on what they eat?</i>	Uses of Everyday Materials <i>What are these objects made from?</i>	Uses of Everyday Materials <i>Which material should we use to make an umbrella?</i>	Plants <i>What happens to my bean/seed after I have planted it?</i>	Living Things and their Habitats <i>How do different habitats within the school grounds change over time?</i>
Seasonal Changes – Ongoing throughout the year What if there were only one season?						
Year 3/4 Year A	Living Things and their Habitats <i>How do we classify Living Things?</i>	Animals inc. Humans <i>How does the Digestive System function?</i>	States of Matter <i>Are all materials solid?</i>	States of Matter <i>What if water stopped evaporating?</i>	Electricity <i>How can we make a bulb light up?</i>	Sound <i>How are sounds made?</i>
Year 3/4 Year B	Rocks and soils <i>Are all rocks the same?</i>	Forces & Magnets <i>Which objects are attracted to magnets?</i>	Healthy Eating <i>Why is it important to have a healthy diet?</i>	Plants <i>What is the lifecycle of flowering plants?</i>		Light <i>How does light travel?</i>
Year 5	Living Things and their Habitats <i>What are the differences between the life cycle of an insect and a mammal?</i>	Properties and Changes of Materials <i>How could we sort these materials into groups?</i>	Properties and Changes of Materials <i>How could you find out which of these materials are soluble, transparent, conductors/insulators (thermal/electrical)?</i>	Animals inc. Humans <i>Are the oldest pupils in our class/school the tallest?</i>	Earth and Space <i>How does your shadow change over the course of a day?</i>	Forces <i>Do all objects fall through water in the same way?</i>



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<p>Year 6</p>	<p>Light <i>How does the amount of light in the classroom change over the course of a day?</i></p>	<p>Electricity <i>How does the voltage of the batteries in a circuit affect the brightness of the lamp/volume of a buzzer?</i></p>	<p>Animals inc. Humans <i>How can we look after our bodies and keep them healthy?</i></p>	<p>Evolution and Inheritance <i>What adaptations will your plant/animal need to survive in this habitat?</i></p>	<p>Evolution and Inheritance <i>How were different dog breeds created?</i></p>	<p>Living Things and their Habitats <i>Which is the most common invertebrate on our school playing field?</i></p>
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