

OUR MISSIONS: Love of learning – Grow Spiritually – Foster Respect – Serve our Community – Opportunity to Flourish – Prepare and Equip			
YEAR 2		Science	
Autumn 1 – Use of Everyday materials		Autumn 2 – Animals, including humans	
Key Questions: How do you know which material will make the best umbrella?		Key Questions: What do babies need to grow into healthy adults?	
Key Skills: Plan Do Record Review <ul style="list-style-type: none"><li>Observe closely, using simple equipment (pipettes)</li><li>Identify and classify</li><li>Perform simple tests</li><li>Use their observations to suggest answers to questions and ask own questions</li><li>Gathering and recording data to help in answering questions</li></ul>		Key Skills: Plan Do Record Review <ul style="list-style-type: none"><li>Observe closely, using simple equipment (stop watches)</li><li>Identify and classify</li><li>Use their observations to suggest answers to questions and ask own questions</li><li>Gathering and recording data to help in answering questions</li></ul>	
Learning	Activities	Learning	Activities
<ul style="list-style-type: none"><li>identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass brick/rock, and paper/cardboard for particular uses</li><li>find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching</li></ul>		<ul style="list-style-type: none"><li>notice that animals, including humans, have offspring which grow into adults</li><li>find out about and describe the basic needs of animals, including humans, for survival (water, food and air)</li><li>describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene</li></ul>	
Key Vocab		Key Vocab	
Extension and Enrichment Opportunities			

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YEAR 2		Science	
Spring 1 – The Environment		Spring 2- Movement and Forces	
Key Questions: How are we going to save the world?		Key Questions: How can we make things move and go faster?	
Key Skills: Plan Do Record Review <ul style="list-style-type: none"><li>Observe closely, using simple equipment (thermometers)</li><li>Identify and classify</li><li>Use their observations to suggest answers to questions and ask own questions</li><li>Gathering and recording data to help in answering questions</li></ul>		Key Skills: Plan Do Record Review <ul style="list-style-type: none"><li>Observe closely, using simple equipment (tape measures)</li><li>Identify and classify</li><li>Perform simple tests</li><li>Use their observations to suggest answers to questions and ask own questions</li><li>Gathering and recording data to help in answering questions</li></ul>	
Learning	Activities	Learning	Activities
<ul style="list-style-type: none"><li>find out about climate change, and how this might affect the lives of animals and humans</li><li>find out and describe how we can help the environment by such things as saving water, and reducing, reusing recycling etc</li></ul>		<ul style="list-style-type: none"><li>notice and describe how things are moving, using simple comparisons such as faster and slower</li><li>compare how different things move on different surfaces</li><li></li></ul>	
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YEAR 2		Science	
Summer 1 -Plants		Summer 2-Living Things and their Habitats	
Key Questions: How do you make your garden grow?		Key Questions: What lives in our Forest School?	
Key Skills: Plan Do Record Review <ul style="list-style-type: none"><li>Observe closely, using simple equipment (measuring jugs, rulers)</li><li>Identify and classify</li><li>Perform simple tests</li><li>Use their observations to suggest answers to questions and ask own questions</li><li>Gathering and recording data to help in answering questions</li></ul>		Key Skills: Plan Do Record Review <ul style="list-style-type: none"><li>Observe closely, using simple equipment (pond dipping, magnifying glasses)</li><li>Identify and classify</li><li>Perform simple tests</li><li>Use their observations to suggest answers to questions and ask own questions</li><li>Gathering and recording data to help in answering questions</li></ul>	
Learning	Activities	Learning	Activities
<ul style="list-style-type: none"><li>observe and describe how seeds and bulbs grow into mature plants</li><li>find out and describe how plants need water, light and a suitable temperature to grow and stay healthy</li></ul>		<ul style="list-style-type: none"><li>explore and compare the differences between things that are living, dead, and things that have never been alive</li><li>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><li>identify and name a variety of plants and animals in their habitats, including micro-habitats</li><li>describe how animals obtain their food from plants and other animals, using the idea of a simple food chain, and identify and name different sources of food</li></ul>	

Key Vocab	Key Vocab
Extension and Enrichment Opportunities	