

## Year A Science KS1

Topic	
<p><b>People and their Pets</b></p> <p>Animals, including humans Habitats Materials</p>	<p>Learn about different types of animals and consider what care they need.</p> <p><b>Pattern seeking, exploring, observing over time</b></p> <p>Learn about minibeasts found in the school grounds.</p> <p>Understand about the different habitats minibeasts require to live in (link to plants)</p> <p><b>Researching, analysing secondary sources</b></p> <p>Plan fair tests to solve a problem.</p> <p>Consider the properties of different types of paper and the suitability of use.</p> <p><b>Fair test, problem solving</b></p>
<p><b>Weather Art</b></p> <p>Seasonal Changes</p>	<p>Learn about the four seasons and the weather associated with each (link to climate change in Geography)</p> <p><b>Exploring, pattern seeking</b></p> <p>Consider the properties of wind - where does it come from? How do we know it is there? What happens when wind is very strong?</p> <p><b>Problem solving</b></p> <p>Be able to explain what a light source is and the importance of the sun</p> <p>Understand that shadows are created by something blocking a light source</p> <p><b>Exploring</b></p>
<p><b>Brilliant Builders (B)</b></p> <p>Materials</p>	<p>Consider the properties and use of materials</p> <p><b>Sorting, classifying and identifying, problem solving</b></p> <p>Design tests to identify materials for their useful properties <b>record</b> results</p> <p><b>Observing over time, problem solving</b></p> <p>Investigate materials for their absorbent properties and make predictions</p> <p><b>Pattern seeking, problem solving</b></p>
<p><b>Art and Nature</b></p> <p>Plants</p>	<p>Investigate where materials come from</p> <p>Understand that some materials come from plants</p> <p><b>Exploring</b></p> <p>Understand the role pollen plays in the growing of flowers, vegetables and fruit</p> <p>Learn about the structure and parts of a flower and be able to name them</p> <p><b>Exploring, researching</b></p> <p>Learn about the functions of the stems and leaves of a plant</p> <p>Learn about different trees and be able to identify similarities and differences</p> <p><b>Exploring</b></p>
<p><b>Exploring Changes</b></p> <p>Materials</p>	<p>Understand that water is a material and ice is water in a different state</p> <p><b>Exploring, problem solving, observing over time</b></p> <p>Plan experiments to explore the properties of ice and water <b>record</b> results to answer questions</p>
<p><b>Habitats and Homes</b></p> <p>Habitats</p>	<p>Understand that growing conditions need to be right for plants to grow and what those conditions are</p> <p><b>Exploring, problem solving, researching and analysing secondary sources</b></p> <p>Understand that different habitats provide for the basic needs of different kinds mini-beasts and plants and that they depend on each other.</p>

	<p>Learn about the right conditions to attract specific living things. Understand the role farms play in the food chain and why they are important. (Link to food chains in Year B)</p>
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