

# Galleywood Infant School Curriculum Map 2016-17

## Science

<p>Subject Objectives</p>	<p>End of Key Stage 1 Milestones</p> <p>Taught in Yr1: *</p> <p>Taught in Yr2: *</p>	<p>If you go down to the woods today</p>	<p>Sticks and Stones</p>	<p>Space</p>	<p>The Circle of Life</p>	<p>Chocolate</p>	<p>A Knight's Tale</p>	
<p><b>Science</b></p> <p>To work scientifically</p>	<p>Ask simple questions.</p> <ul style="list-style-type: none"> <li>• Observe closely, using simple equipment.</li> <li>• Perform simple tests.</li> <li>• Identify and classify.</li> <li>• Use observations and ideas to suggest answers to questions.</li> <li>• Gather and record data to help in answering questions.</li> </ul>	<p>Seeds and growing, seasonal changes</p>	<p>Materials, reversible and irreversible changes</p>	<p>Light and dark, electricity, the Earth's movement in space</p>	<p>Lifecycles</p>	<p>Our body, health &amp; fitness The cocoa bean</p>	<p>Forces- catapults and drawbridges</p>	
<p>Biology: Plants</p> <ul style="list-style-type: none"> <li>• Identify, classify and describe their basic structure.</li> <li>• Observe and describe growth and conditions for growth.</li> </ul> <p>Habitats</p> <ul style="list-style-type: none"> <li>• Look at the suitability of environments and at food chains.</li> </ul>	<p>Identify and name a variety of common plants, including garden plants, wild plants and trees and those classified as deciduous and evergreen.</p> <p>Identify and describe the basic structure of a variety of common flowering plants, including roots, stem/trunk, leaves and flowers.</p> <p>Observe and describe how seeds and bulbs grow into mature plants.</p> <p>Find out and describe how plants need water, light and a suitable temperature to grow and stay healthy.</p>	<p>✓ ✓</p>				<p>✓ ✓ ✓ ✓</p>		

<p>Animals and humans</p> <ul style="list-style-type: none"> <li>Identify, classify and observe.</li> <li>Look at growth, basic needs, exercise, food and hygiene.</li> </ul> <p>All living things*</p> <ul style="list-style-type: none"> <li>Investigate differences.</li> </ul>	<ul style="list-style-type: none"> <li>Identify and name a variety of common animals that are birds, fish, amphibians, reptiles, mammals and invertebrates.</li> </ul>				Y			
				Y				
	<ul style="list-style-type: none"> <li>Identify and name a variety of common animals that are carnivores, herbivores and omnivores.</li> </ul>				Y			
				Y				
	<ul style="list-style-type: none"> <li>Describe and compare the structure of a variety of common animals (birds, fish, amphibians, reptiles, mammals and invertebrates, including pets).</li> </ul>				Y			
				Y				
	<ul style="list-style-type: none"> <li>Identify name, draw and label the basic parts of the human body and say which part of the body is associated with each sense.</li> </ul>					Y		
						Y		
	<ul style="list-style-type: none"> <li>Notice that animals, including humans, have offspring which grow into adults.</li> </ul>				Y			
					Y			
<ul style="list-style-type: none"> <li>Investigate and describe the basic needs of animals, including humans, for survival (water, food and air).</li> </ul>				Y	Y			
				Y	Y			
<ul style="list-style-type: none"> <li>Describe the importance for humans of exercise, eating the right amounts of different types of food and hygiene.</li> </ul>					Y			
					Y			
<ul style="list-style-type: none"> <li>Explore and compare the differences between things that are living, that are dead and that have never been alive.</li> </ul>	Y							
	Y							
<ul style="list-style-type: none"> <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> </ul>	Y				Y			
	Y				Y			
<ul style="list-style-type: none"> <li>Identify how humans resemble their parents in many features.</li> </ul>						Y		
						Y		
<p>Chemistry: Materials</p> <ul style="list-style-type: none"> <li>Identify, name, describe, classify, compare properties and changes.</li> </ul>	<ul style="list-style-type: none"> <li>Distinguish between an object and the material from which it is made.</li> </ul>		Y				Y	
		Y					Y	
<ul style="list-style-type: none"> <li>Identify and name a variety of everyday materials, including wood, plastic, glass, metal, water and rock.</li> </ul>		Y					Y	
	Y						Y	



movement in space	<ul style="list-style-type: none"> <li>• Identify common appliances that run on electricity.</li> <li>• Construct a simple series electrical circuit.</li> </ul>			Y				
	<ul style="list-style-type: none"> <li>• Observe the apparent movement of the Sun during the day.</li> <li>• Observe changes across the four seasons.</li> <li>• Observe and describe weather associated with the seasons and how day length varies.</li> </ul>	Y	Y	Y				