


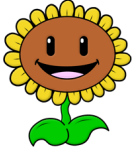


Year 2 Science Curriculum at Upton Heath

	Autumn Term		Spring Term		Summer Term	
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Overview	Animals, including humans 	Living Things and their Habitats 	Uses of Everyday Materials 	Plants 		
Suggested Content	<p>Sort and classify different types of food</p> <p>Design a meal based on knowledge of healthy eating</p> <p>Choose a physical activity and evaluate the impact on their bodies</p> <p>Understand the importance of hygiene for humans</p> <p>Investigate and how germs spread through contact</p> <p>Write a set of instructions for how to wash your hands</p> <p>Match animals to their offspring</p> <p>Human life cycle</p> <p>Observe tadpoles as they grow (1)</p>	<p>Explore and compare the difference between living and dead things</p> <p>Identify things that have never lived</p> <p>Take a survey to compare animals in two habitats</p> <p>Research to compare two different habitats</p> <p>Describe the features of a habitat that are suitable for woodlouse growth</p> <p>Create a simple food chain</p>	<p>Examine and investigate different materials</p> <p>Describe the properties of everyday materials</p> <p>Identify and describe the suitability of everyday materials for particular uses</p> <p>Explore how paper changes when left in water</p> <p>Investigate how materials can be shaped</p>	<p>Observe how plants grow from a seed/bulb into a plant</p> <p>Know that plants need water to survive</p> <p>Know plants need light to survive</p> <p>Know plants need a suitable temperature to survive</p> <p>Compare the growth of different sized seeds</p>		
Observing over time	How does a tadpole change over time?		Would a paper boat float forever?		What happens to my bean after I have planted it?	
Pattern seeking	Can people with bigger hands pick up more?	What conditions do woodlice prefer to live in?			Do bigger seeds grow into bigger plants?	
Research		How does the habitat of the artic compare to the habitat of the rainforest?	How are plastics made?		How can we identify the trees that we observed on our tree hunt?	
Identifying & classifying	Which offspring belongs to which animal?	How would you group things to show which are living, dead or have never been alive?	Which materials are shiny and which are dull?			
Comparative tests			Which materials are waterproof?		Do cress seeds grow quicker inside or outside?	

