









Enquiry Planning Year 2

Content/ Knowledge	<u>Animals Including Humans</u> I notice that animals including humans have offspring which grow into adults. I can find out about and describe the basic needs of animals including humans for survival. Describe the importance for humans of exercise, eating the right amounts of different types of food and hygiene.				<u>Materials</u> To identify and compare the suitability of a variety of everyday materials including wood, metal, plastic, glass, brick, rock, paper, cardboard for particular uses. I can find out how the shape of solid objects made from materials can be changed by squashing, bending, twisting and stretching.				<u>Plants</u> To observe and describe how seeds and bulbs grow into mature plants. Find and describe how plants need water, light and a suitable temperature to grow and stay healthy.				<u>Living things and habitats</u> Explore and compare the differences between things that are living, dead and things that have never been alive. Identify most living things live in habitats to which they are suited and describe how different habitats provide for basic needs of different kinds of animals and plants and how they depend on each other. Identify and name a variety of plants and animals in their habitat, including microhabitats. 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.			
		<u>Comparative and fair testing</u> Do bananas make us run faster?				<u>Comparative and fair testing</u> Which shapes make the strongest paper bridge? Which material would be best for the roof of the little pig's house?				<u>Comparative and fair testing</u> Do cress seeds grow quicker inside or outside? Is there the same level of light in the evergreen wood compared with the deciduous wood?				<u>Comparative and fair testing</u> Do amphibians have more in common with reptiles or fish?		
		<u>Observation over time</u>				<u>Observation over time</u> How long do bubble bath bubbles last for? What will happen to our snowman? Would a paper boat float forever?				<u>Observation over time</u> What happens to my bean after I have planted it?				<u>Observation over time</u> How does a tadpole change over time?		



Pattern seeking

Which age group of children wash their hands the most in a day?



Pattern seeking



Pattern seeking

Do bigger seeds grow into bigger plants?



Pattern seeking

What conditions do woodlice prefer to live in?

Which habitat do worms prefer? Where can we find the most worms?



Identifying, classifying and grouping

Which offspring belongs to which animal?



Identifying, classifying and grouping

Which materials are shiny and which are dull?



Identifying, classifying and grouping

How can we identify the trees we found on our tree hunt?



Identifying, classifying and grouping

How would you group these plants and animals based on which habitat you find them in?



Research using secondary sources

What food do you need in a healthy diet and why?



Research using secondary sources

How have the materials we use changed over time?

How are plastics made?



Research using secondary sources

How does a cactus survive in a desert with no water?



Research using secondary sources

How does the habitat of the arctic compare to the rainforest?