

Types of Enquiry Y1/2

Year 1 - objectives

		Observe changes over time	Pattern seeking	Identifying, Grouping and Classifying	Comparative tests	Researching/using secondary resources
T1	Materials	Throughout the year we will be looking at the seasons, temperature outside and the changes that children can see.		Grouping different objects from the materials they are made from. Grouping materials based on their properties.	Comparative test – to find out which materials were absorbent. Comparing same objects made from different materials. Compared different materials based on their properties.	
T2 and T3	Animals inc Humans	Throughout the year we will be looking at the seasons, temperature outside and the changes that children can see.	Are children with bigger feet taller? Are children with longer arms taller?	Grouping different animals based on features, do they have fur? Do they breathe air? Grouping different animals based on their classification, mammals, amphibians, reptiles, fish, birds. Grouping animals depending on their diet. (Omnivore, carnivore, herbivore)	Comparing animals based on their features, 2 legs, 4 legs, wings, feathers, beaks, scaly skin, slimy skin.	Watching videos on all the animal groups to understand that even though they are the same group they are different. For example, robins and penguins are both birds because they have feathers, wings and 2 feet, however robins can fly but penguins can't. Do the same for reptiles, amphibians, mammals, and fish. Children to compare animals using secondary resources from BBC bitesize.

T4	Seasonal Changes	Throughout the year we will be looking at the seasons, temperature outside and the changes that children can see.	Recording data on weather patterns and the day length over the term. Recording rainfall and transferring data to a graph.	Children will have been identifying what happens in each season, such as it getting darker, colder and the changes in the plants and trees.		Looking at weather apps to see how the day length changes throughout the year. Recording data and recording it in a table to ask questions.
T5 and 6		Growing tomato plants over the term. Planting cress seeds and investigating the conditions needed to grow.		Identifying trees from their leaves. Identifying wild flowers in the outdoor space. Identifying garden plants.	Planting seeds in various areas and comparing how they grow. Comparing bulbs and seeds.	Researching the lifecycle of plants. Researching where food comes from.