

INTENT:

At Whitefield Infant School, the science curriculum provides children with an increasing knowledge and understanding of the world around them. It enables children to develop enquiry skills and questioning skills to prepare them for life in an increasingly scientific world. The curriculum focuses on developing scientific vocabulary through hands on, practical experiences to develop a deep and lasting interest in science.



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Nursery	All about Me My body Hygiene Healthy eating Seasons- Autumn	Day and Night Seasons- Winter Difference between day and night Water freezing Animals that hibernate	Animals and Habitats Use 'We're going on a bear hunt' to explore different habitats Name animals Compare animals	Healthy Eating Making healthy choices Cooking healthy snacks Visit from the school nursery Seasons- Spring	Mini beasts Observe life cycle of a butterfly in Nursery Explore mini beasts and plants outdoors Seasons- Summer	
Reception	My Body Simple body parts Healthy eating Our senses Seasons- Autumn	Light and Dark Seasons- Winter Water freezing Temperature change Exploring light and dark (linked to night and day)	Materials Materials Simple properties Waterproof materials Explore in nature	Healthy Eating Healthy foods Healthy lifestyles Link between planting and food growing Seasons- Spring	Plants Name common plants Plant seeds and observe changes that occur Show care for living things Seasons- Summer	
Year 1	Animals (Humans) Name parts of the body Link parts of the body to senses Healthy eating Seasons- Autumn	Animals Identify and name common animals Classify animals in different ways Describe and compare animals Seasons- Winter	Materials Identify and name different materials Describe properties of materials Sort and classify materials Seasons- Spring		Plants Identify and name common plants Plant seeds and observe changes that occur Label the parts of a plant Seasons- Summer	Investigation skills This half term the children will undertake investigations, collect and read data and experience first-hand learning in the forest school
Year 2	Animals including humans Process of growth in humans Healthy eating Good hygiene Basic needs of humans Seasons- Autumn	Materials Identify and name different materials Describe properties of materials Discuss suitability of materials Changes in materials Seasons- Winter	All living things and their habitats Identify and name common animals Living, dead and never been alive Sources of food Food chains	All living things and their habitats Animal offspring Life cycles Name habitats Suitability of habitats Seasons- Spring	Plants Identify and name common plants Plant seeds and observe changes that occur Parts of a plant and their functions Basic needs of plants Seasons- Summer	Investigation skills This half term the children will undertake investigations, collect and read data and experience first-hand learning in the forest school