

Science Whole School – Long Term Plan

Plymouth Science	Autumn One	Autumn Two	Spring One	Spring Two	Summer One	Summer Two
EYFS	Use all their senses in hands-on exploration of natural materials. Explore collections of materials with similar and/or different properties. Talk about what they see, using a wide vocabulary. Explore how things work. Plant seeds and care for growing plants. Understand the key features of the life cycle of a plant and an animal. Begin to understand the need to respect and care for the natural environment and all living things. Explore and talk about different forces they can feel. Talk about the differences between materials and changes they notice. Explore the natural world around them. Describe what they see, hear and feel whilst outside. Understand the effect of changing seasons on the natural world around them. Explore the natural world around them, making observations and drawing pictures of animals and plants; Know some similarities and differences between the natural world around them and contrasting environments, drawing on their experiences and what has been read in class; Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter.					
Year One	Seasonal Changes	Animals including humans	Animals including humans (Ext unit)	Materials	Materials (Ex Unit)	Plants
Year Two	Living things and habitats	Materials	Animals including humans.	Animals including humans (Ext Unit)	Plants	Plants (Ext Unit)
Year Three	Rocks	Light	Forces and magnets	Animals including humans	Plants	
Year Four	Animals including humans.	Sound	Electricity	Living things	States of matter	
Year Five	Forces	Properties of materials	Space		Living things and habitats	Animals including humans
Year Six	Animals including humans	Evolution and inheritance	Light		Electricity	Living things and habitats