Science Long Term Plans

	Phase 1			Phase 2		
	Autumn	Spring	Summer	Autumn	Spring	Summer
Year 1/2	Animals including humans (Y1) **Continual: seasonal change (Y1)**	Everyday materials (Y1) **Continual: seasonal change (Y1)**	Plants (Y2) **Continual: seasonal change (Y1)**	Living things and their habitats (Y2) **Continual: seasonal change (Y1)**	Plants (Y1) **Continual: seasonal change (Y1)**	Use of everyday materials (Y2) **Continual: seasonal change (Y1)**
Year 3/4	Forces and Magnets States of Matter	Animals including humans	Plants	Sound Electricity	Rocks	Living Things and their Habitats Light Water Cycle (linked to Geography)
Year 5/6	Properties and Changing of materials. Yr 5 – 14-16	Evolution and Inheritance. Yr 6 - 10-12 Forces Yr 5 – 12-14	Animals including humans. Yr 5 – 12-14 Yr 6 – 12-14	Light Yr 6 – 10-12 Earth and Space. Yr 5 – 9-12	Living things and their habitats. Yr 5 – 12-14 Yr 6 – 9-12	Electricity Yr 6 – 10-12

Science Long Term Plans

EYFS – topics change depending on the children's interests year on year

Science Long Term Plans

	Early Years		
Working Scientifically	Talk about what they see, using a wide vocabulary.	Describe what they see, hear and feel whilst outside.	Explore the natural world around them, making observations and drawing pictures of animals and plants.
Plants	Plant seeds and care for growing plants. Understand the key features of the life cycle of a plant.	Explore the natural world around them.	Draw pictures of plants.
Animals, including humans	Understand the key features of the life cycle of an animal.	Explore the natural world around them.	Draw pictures of animals.
Everyday Materials	Use all their senses in hands-on explorations of natural materials. Explore collections of materials with similar and /or different properties. Talk about the differences between materials and changes they notice.		Understand some important processes and changes including changing states of matter.
Seasonal Changes		Understand the effects of changing seasons on the natural world around them.	Understand some important processes and changes including the seasons.
Living things and their habitats	Begin to understand the need to respect and care for the natural environment and all living things.		Understand some important changes in the natural world around them.
Forces	Explore and talk about different forces they can feel.		