

Science Long Term Plan 2020-2021

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Nursery	Investigating the effects of the wind using streamers, bubbles, chimes, windmills etc. Playing with and naming small world toys.		Learning about lifecycles (butterflies). Playing with and naming small world toys. Ice play and observing changes. Pond dipping.		Learning about the characteristics of different materials e.g. wet and dry sand, still and fizzy water. Playing with and naming small world toys. Planting seeds and observing them grow.	
Reception	Heating and cooling. Learning about decay. Properties of materials and their uses revisit sand and water play.		Melting and solidifying revisit heating and cooling. Learning about growth. Learning about lifecycles (birds) revisit butterfly lifecycle. Properties of materials and their uses. Similarities and differences between living things.		Making predictions and asking questions. Understanding how humans have an impact on the environment. Floating and Sinking.	
Year 1	Seasonal Changes					
	Every day materials revisit melting and solidifying, floating and sinking.		Animals inc humans revisit lifecycles and growth.		Plants revisit growth and decay.	
Year 2	Uses of everyday materials		Living things and their habitats		Plants revisit habitats.	Animals inc humans revisit habitats
Year 3	Forces and magnets	Light	Rocks revisit magnets		Animals inc humans	Plants revisit light
Year 4	Electricity	Sound revisit electricity	States of matter	Animals inc humans	Living things and their habitats revisit states of matter	
Year 5	Forces revisit Y3 forces and magnets	Living things and habitats	Earth and Space revisit forces and Y3 rocks		Properties and changes of materials	Animals inc humans
Year 6	Electricity revisit Y4 electricity	Light revisit Y3 light	Living things and their habitats	Evolution and inheritance	Animals including humans	

