

Excellence and Enjoyment, Everyone and Everything. "God created you to be amazing" Ephesians 2:10

Science Whole School Overview

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
EYFS	Marvellous Me Discussions around snack time and lunch time - healthy eating choices.	Lets Celebrate Explore festival origins/celebrations across the world, using a world map/globe. Observe changes – colour	Super Scientists Change of state	The UK outdoors: Explore, observe and identify UK minibeasts.	Amazing Animals Observe, explore and compare contrasting natural environments around the world: rainforest, great barrier reef, Kenya	Dangers and Delights of the sea Experiment with and talk about, floating and sinking – making boats Investigation – magnetic/ non magnetic
Seasonal changes						
Year 1	Animals including humans How am I similar and different to others? Humans	Everyday Materials What are objects made from? What can materials do?		Animals including humans How am I similar and different to others? Animals	Plants What do I know about plants?	
Seasonal changes						
Year 2	Living things and their habitats Are all habitats the same?		Animals including humans What do animals and humans need to survive?	Materials How can materials be changed?	Plants What do plants need to grow?	
Year 3	Plants How do flowers reproduce?	Animals including humans Why do animals and humans have skeletons?	Rocks and soils What are the properties of rocks?	Forces and magnets What are different forces and how do magnets work?		Light How are shadows formed?
Year 4	Animals including humans How do I digest my food?	Sound How does sound travel?	States of matter What are solids, liquids and gases?	Animals including humans What are consumers and producers?	Living things and their habitats How can I classify animals?	Electricity Can I make a simple electrical circuit?
Year 5	Forces Why are forces important? (Gravity, water resistance, air resistance and friction)	Earth and Space What do we know about earth and space?	Forces How do mechanisms allow a smaller force to have a greater effect?	Properties and changes of materials What are the properties of different materials? Animals including humans (through RSE)		Living things and their habitats How do life cycles differ between animals?
Year 6	Evolution and Inheritance What is evolution?	Living things and their habitats How can we classify plants and animals?	Electricity How can I make a bulb brighter?	Light How does light travel?	Animals including humans How does the circulatory system work?	