

Stokenchurch Science Curriculum Map

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Nursery	Explore how things work.	Explore collections of materials with similar and/or different properties.	Talk about the differences between materials and changes they notice	Talk about what they see, using a wide vocabulary. Plant seeds and care for growing plants.	Begin to understand the need to respect and care for the natural environment and all living things. Talk about the differences between materials and changes they notice.	Understand the key features of the life cycle of a plant and an animal. Explore and talk about different forces they can feel.
F2	Describe what they see, hear and feel whilst outside.	Recognise some environments that are different to the one in which they live.	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 1	Seasonal Change (autumn/winter)	Everyday materials (identify materials and basic properties)	Seasonal Change (spring) Animals including humans (Human body parts, senses)	Animals including humans (types of animals)	Seasonal Change (summer) Plants (identify local plants, label basic features)	Making connections
Year 2	Uses of Everyday Materials (suitability of materials, changing materials)	Animals including humans (food, exercise, hygiene, offspring)	Living Things and their habitats (living/dead/never alive)	Living Things and their habitats (basic food chains, habitats)	Plants (seeds/bulbs, what does a plant need)	
Year 3	Rocks	Animals including humans (food and nutrition, skeletons and muscles)	Forces and magnets	Light		Plants (functions of different parts, water transportation, life cycle)
Year 4	Electricity	Animals including humans (digestion, teeth, food chains)	States of matter	Sound	Living things and their habitats	Living things and their habitats (conservation)
Year 5	Earth and space	Properties of materials	Changes of materials	Forces	Living things and their habitats (life cycles and reproduction)	Animals, including humans (human changes)
Year 6	Living things and their habitats (classification)	Light	Electricity	Animals including humans (circulation, nutrients, effect of drugs)	Evolution and inheritance	Investigation skills