



Science long term plan 2026-2027 (EYFS-Year 6)



Pure class curriculum coverage

	Autumn term	Spring term	Summer term
Pre-school	Show attention to sounds and music. Explore their voices and enjoy making sounds. Repeat actions that have an effect. Explore materials with different properties. Explore natural materials, indoors and outside. Make rhythmical and repetitive sounds. Explore a range of sound makers and instruments and play them in different ways Explore natural materials, indoors and outside. <u>Notice differences between people</u>	Notice patterns with strong contrasts and be attracted by patterns resembling the human face. Explore and respond to different natural phenomena in their setting and on trips. Explore natural materials, indoors and outside. Climb and squeeze themselves into different types of spaces.	Explore natural materials, indoors and outside. Explore different materials, using all their senses to investigate them. Explore and respond to different natural phenomena in their setting and on trips.
FS1	Explore colour and colour mixing. Talk about the differences between materials and changes they notice. Make comparisons between objects relating to size, length, weight and capacity. Talk about and identify the patterns around them. Explore different natural materials freely, in order to develop their ideas about how to use them and what to make. Use all your 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. Show interest in different occupations	Use drawing to represent ideas like movement or loud noises. Respond to what they have heard, expressing their thoughts and feelings. Plant seeds and care for growing plants. Explore and talk about different forces they can feel. Understand the key features of the life cycle of a plant and an animal. Make comparisons between objects relating to size, length, weight and capacity. Explore collections of materials with similar and/or different properties. Talk about what they see, using a wide vocabulary. Use all your senses in hands-on exploration of natural materials.	Join different materials and explore different textures. Plant seeds and care for growing plants. Begin to understand the need to respect and care for the natural environment and all living things. Understand the key features of the life cycle of a plant and an animal. Explore collections of materials with similar and/or different properties. Talk about what they see, using a wide vocabulary. Use all your senses in hands-on exploration of natural materials. Begin to understand the need to respect and care for the natural environment and all living things.
FS2	Name and describe people who are familiar to them. Understand the effect of changing seasons on the natural world around them.	Understand the effect of changing seasons on the natural world around them. Explore the natural world around them. Describe what they see, hear and feel whilst outside.	Explore the natural world around them. Describe what they see, hear and feel whilst outside. Select, rotate and manipulate shapes in order to develop spatial reasoning skills. Explore the natural world around them. Describe what they see, hear and feel whilst outside. Recognise some environments that are different to the one in which they live.

Year 1	Wonderful weather! Seasonal changes- Autumn/Winter Plants- Deciduous and evergreen	Wild and wonderful creatures Animals including humans Plants- wild and garden flowers Seasonal changes- Spring	Brilliant builders! Everyday materials Plants- structure of flowering plants Seasonal changes- Summer
Year 2	People and their pets Animals including humans Plants-seeds and bulbs/observing plants	Squash, stretch, bend, twist Everyday materials Plants- germination/observing plants	Habitats and homes Living things and their habitats Plants-seeds and bulbs/observing plants
Year 3	This planet rocks! Rocks Light Plants- seed dispersal	Fit for success Animals including humans Plants- pollination ECO- exploring vegetarian/vegan diets	Magnetic fun and games Forces and magnets Plants- seed formation
Year 4	Exploring life Living things and their habitats States of matter	Powering the world Sound Electricity	Our bodies and the animal kingdom Animals including humans
Year 5	Wild worlds: Discovering animals and their habitats Living things and their habitats Animals including humans	Materials in motion Properties and changes of materials Forces	Out of this world! Earth and space Sound
Year 6	Animal adventures: exploring habitats and creatures Animals including humans Living things and their habitats	Uncovering nature's amazing power! Evolution and inheritance	Shocking discoveries: Exploring light, electricity and sound Electricity Light