

**St Augustine's CE (VA) Primary School - Planning Overview for Science**

Year Group	Autumn Term	Spring Term	Summer Term
<u>Cycle A</u> <u>Y1/2</u>	<b>Animals including Humans &amp; Autumn</b> Amazing Me	<b>Everyday materials</b> Brilliant Builders & Spring	<b>Animals including Humans</b> Wild and Wonderful Creatures
	<b>Seasonal Changes</b> Wild Weather & Winter	<b>Plants</b> Growing Things	<b>Living things and their Habitats</b> Food Chains & Summer
Year Group	Autumn Term	Spring Term	Summer Term
<u>Cycle B</u> <u>Y1/2</u>	<b>Animals including Humans</b> People and their Pets & Autumn	<b>Everyday Materials</b> Brilliant Builders & Spring	<b>Everyday Materials</b> Exploring Changes
	<b>Seasonal Changes</b> Weather Art & Winter	<b>Plants</b> Art and Nature	<b>Living things and their Habitats</b> Habitats and Homes & Summer
Year Group	Autumn Term	Spring Term	Summer Term
<b>Year 3</b> <b>Owls</b>	<b>Rocks</b> , including types, grouping, fossils, Mary Anning and soil.	<b>Plants</b> , labelling, needs, observing, recording, presenting, water movement and flowers.	<b>Animals including Humans</b> , nutrition, types & amount, skeletons, types, bones and functions, muscles.
	<b>Forces</b> , including pushes & pulls, faster and slower. Magnets, including sorting, strength, poles, attracting and repelling.	<b>Light</b> , including light & dark, reflection, mirrors, safety, understanding and investigating shadows	
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<b>Year 4</b> <b>Foxes</b>	<b>Electricity</b> , including how it is made, appliances, circuits, conductors and insulators, switches.	<b>Living things and their habitats</b> , including grouping, sorting, classifying, vertebrates and invertebrates, keys, habitats and environmental changes.	<b>States of matter</b> , including solids, liquids and gases, heating and cooling, the water cycle including investigating evaporation and the changing states of water.
	<b>Sound</b> , including vibrations, hearing, pitch, travel, absorption, instruments and making music.	<b>Animals including humans</b> , including digestion, teeth, oral health and food chains.	
Year Group	Autumn Term	Spring Term	Summer Term

<b>Year 5 Squirrels</b>	<b>Earth and Space</b> , including spherical bodies, The planets and their movement, night & day, time zones, movement of the moon.	<b>Living things and their habitats</b> , including reproduction in plants, mammals, birds, amphibians, insects, metamorphosis, comparing life cycles, Jane Goodall.	<b>Forces</b> , including forces in action, gravity, air resistance, water resistance, friction and mechanisms.
			<b>Animals including humans</b> , including stages of a human's development, growth of babies, puberty, old age, gestation including periods and life expectancy.
		<b>Properties and changes of materials</b> , including sorting and classifying, insulators, electrical conductors, dissolving, separating, reversible and irreversible changes.	
<b>Year Group</b>	<b>Autumn Term</b>	<b>Spring Term</b>	<b>Summer Term</b>
<b>Year 6 Bats</b>	<b>Electricity</b> , including major discoveries, circuit symbols, volts, investigations involving bulbs, motors, buzzers, switches, batteries and wires.	<b>Living things and their habitats</b> , including classification including in the local habitat, microorganisms including helpful and harmful.	<b>Animals including humans</b> , circulatory system, labels and functions, transportation of water and nutrients, healthy lifestyles, exercise including investigations, the impact of drugs and alcohol on the body.
	<b>Evolution and inheritance</b> , including, inheritance, adaptation, theory & evidence of evolution and Human intervention.	<b>Light</b> , including how we see, reflection, refraction, light spectrum, colour, light and shadow formation.	