







St John's Long Term Overview

Our school drivers are: SMSC (Spiritual, Moral, Social and Cultural Capital), Learning Behaviours and Possibilities

Subject: Science



	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Whole School Christian Values	 Love	 Peace	 Wisdom	 Hope	 Friendship	 Honesty
EYFS	What am I made of? Links to PD What are my senses?	Know that light helps us see and that darkness is the absence of light.	What happens at night? What is in the sky? What is the moon?	Materials- What happens when you mix it? What floats? What makes a good bubble?	Who has stripes? Who are my parents? Who lives here?	Is all of a plant green? Planting and Growing Living/not living Caring for living things. Recording observations of animals and plants – Life Cycles Caring for living things
Year 1	Threshold Concept: Biology - Animals, Including Humans		Threshold Concept: Chemistry - Materials		Threshold Concept: Biology - Plants	
	Threshold Concept: Biology - Seasonal Changes					
Year 2	Threshold Concept: Chemistry - Everyday materials	Threshold Concept: Biology - Animals, including humans	Threshold Concept: Biology - Living things and their habitat		Threshold Concept: Biology - Plants	
Year 3	Threshold Concept: Biology - Animals, including humans	Threshold Concept: Chemistry - Rocks	Threshold Concept: Biology - Plants		Threshold Concept: Physics - Light	Threshold Concept: Physics - Forces and magnets

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Year 4	Threshold Concept: Chemistry - States of matter	Threshold Concept: Physics - Sounds	Threshold Concept: Physics - Electricity	Threshold Concept: Biology - Animals, including humans	Threshold Concept: Biology - Living things and their habitats/Consolidation
Year 5	Threshold Concept: Biology - Living things and their habitat	Threshold Concept: Physics - Earth and space	Threshold Concept: Biology - Animals, including humans	Threshold Concept: Physics - Forces	Threshold Concept: Chemistry - Properties and changes of materials
Year 6	Threshold Concept: Biology - Living things and their habitats	Threshold Concept: Biology - Evolution and inheritance	Threshold Concept: Physics - Electricity	Threshold Concept: Physics - Light	Threshold Concept: Biology - Animals, including humans