

The Good Shepherd Catholic Primary School



*Following Jesus,
The Good Shepherd,
in all we say and do*

Science Long Term



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	EYFS Understanding the world	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Biology (53% of Science content)	The Natural World Explore the natural world around them, making observations and drawing pictures of animals and plants.		Living things and their habitats (+ revisit modules)		Living things and their habitats	Living things and their habitats	Living things and their habitats
		Plants (AT / ST)	Plants (ST)	Plants (ST)			
		Animals, including humans (+ revisit modules)	Animals, including humans (+ revisit modules)	Animals, including humans	Animals, including humans	Animals, including humans	Animals, including humans
							Evolution and inheritance
Physics (29% of Science content)	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.	Seasonal changes (+ revisit module)		Light			Light
				Forces and magnets		Forces	
					Electricity		Electricity
					Sound		
Chemistry (18% of Science content)		Everyday materials	Use of everyday materials			Properties and change of materials	
				Rocks (AT) (+ revisit module)			
					States of matter		



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	ELG's	How this is achieved in EYFS	Key Vocabulary to be developed in EYFS		Science KS1	
			Year 1	Year 2	Year 1	Year 2
Specific Area of Learning Understanding the World	<p>Managing Self</p> <ul style="list-style-type: none"> Manage their own basic hygiene and personal needs, including dressing, going to the toilet, and understanding the importance of healthy food choices. <p>ELG 14 The Natural World</p> <ul style="list-style-type: none"> Explore the natural world around them, making observations and drawing pictures of animals and plants. 	<ul style="list-style-type: none"> Discussions at snack time of the importance of healthy food choices. During lunch time discussions. Through stories and circle time discussions, e.g. the story – Now wash your hands and Funny bones. P.E lessons that encourage getting dressed and undressed independently. Naming body parts through songs – Heads, shoulders, knees, and toes. RSE link – Correct naming of body parts. Talking about pets at home. Exploring minibeasts and recording our observations. 	<ul style="list-style-type: none"> Exercise Healthy Wash Toothbrush Tooth / Teeth Body Head Bones Skeleton Family 	<ul style="list-style-type: none"> Animal Human Mammal Bird Fish Amphibian Insect Lifecycle Nocturnal 	Animals, including humans.	
	<p>ELG 14 The Natural World</p> <ul style="list-style-type: none"> Explore the natural world around them, making observations and drawing pictures of animals and plants. 	<ul style="list-style-type: none"> Going on walks to observe the local environment and to compare and learn about the seasons. Taking photos to compare seasons and discuss. Planting seeds and plants. Looking after the EYFS garden. Creating bug hotels. 	<ul style="list-style-type: none"> Lifecycle Plant seed grow roots Flower 	<ul style="list-style-type: none"> Seasons Autumn Winter Spring Summer Change Weather 	Plants	
	<p>ELG 14 The Natural World</p> <ul style="list-style-type: none"> Understanding some important processes and changes in the natural world around them, including seasons and changing states of matter. 	<ul style="list-style-type: none"> Growing plants from bulbs and seeds. Making boats to explore best materials. Water tray activities to explore water, ice, and materials that float and sink. Testing the best material for a raincoat for Paddington bear. 	<ul style="list-style-type: none"> Material Wood Plastic Glass Float 	<ul style="list-style-type: none"> Sink Liquid Solid 	Seasonal changes	Living things and their habitats.
					Everyday materials	Uses of everyday materials.
Scientific Vocabulary – scientist, sort, observation, identify, compare, group, investigate, test, evaluate						



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	Autumn	Spring	Summer
Year 1	Seasonal changes and daily weather Introduce Plants – (trees) Animals, including humans	Everyday materials Revisit 1: Animals, including humans	Plants Revisit 2: Plants, Animals including humans
Year 2	Living things and their habitats Animals, including humans	Uses of everyday materials Revisit Living things and their habitats / materials	Plants Revisit Living things and their habitats / Animals, including humans
Year 3	Rocks Animals, including humans Revisit Rocks	Forces and magnets Plants	Plants continued... Light
Year 4	Living things and their habitats States of matter	Animals, including humans	Electricity Sound
Year 5	Properties and changes of materials Animals, including humans	Forces (Gravity and Galileo) Earth in space	Living things and their habitats Forces continued
Year 6	Electricity Animals including humans (circulatory system)	Animals including humans (water transport) Light	Living things and their habitats Evolution and inheritance