

The Good Shepherd Catholic Primary School



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

Science in EYFS



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Science in EYFS at The Good Shepherd:

The most relevant statements for science are taken from the following areas of learning:

- Communication and Language
- Physical Development
- Understanding the World
- The EYFS to Key stage 1 bridging curriculum has been added

Science		
Three and Four-Year-Olds	Communication and Language	<ul style="list-style-type: none">• Understand 'why' questions, like: "Why do you think the caterpillar got sofat?"
	Physical Development	<ul style="list-style-type: none">• Make healthy choices about food, drink, activity and toothbrushing.
	Understanding the World	<ul style="list-style-type: none">• Use all their 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.• Begin to make sense of their own life-story and family's history.• Explore how things work.• Plant seeds and care for growing plants.• Understand the key features of the life cycle of a plant and an animal.• Begin to understand the need to respect and care for the natural environment and all living things.• Explore and talk about different forces they can feel.• Talk about the differences between materials and changes they notice.
Reception	Communication and Language	<ul style="list-style-type: none">• Learn new vocabulary.• Ask questions to find out more and to check what has been said to them.• Articulate their ideas and thoughts in well-formed sentences.• Describe events in some detail.• Use talk to work out problems and organise thinking and activities. Explain how things work and why they might happen.• Use new vocabulary in different contexts.



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Reception	Physical Development	<ul style="list-style-type: none">• Know and talk about the different factors that support their overall health and wellbeing:<ul style="list-style-type: none">- regular physical activity- healthy eating- toothbrushing- sensible amounts of 'screen time'- having a good sleep routine- being a safe pedestrian
	Understanding the World	<ul style="list-style-type: none">• Explore the natural world around them.• Describe what they see, hear and feel while they are 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.

Science

Organisation of Knowledge	Working scientifically	Plants	Animals including humans	Everyday materials	Seasonal change
Relevant ELG	<p>ELG: Listening, Attention and Understanding</p> <ul style="list-style-type: none"> - Make comments about what they have heard and ask questions to clarify their understanding. <p>ELG: Fine motor skills</p> <ul style="list-style-type: none"> - Use a range of small tools, including scissors, paint brushes and cutlery. <p>ELG: Building Relationships</p> <ul style="list-style-type: none"> - Work and play cooperatively and take turns with others. 	<p>ELG: The Natural World</p> <ul style="list-style-type: none"> - Explore the natural world around them, making observations and drawing pictures of plants and animals. - 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. <p>ELG: Speaking</p> <ul style="list-style-type: none"> - Participate in small group, class and one-to-one discussions, offering their own ideas, using recently introduced vocabulary. 		<p>ELG: The Natural World</p> <ul style="list-style-type: none"> - Understand some important processes and changes in the natural world, including the seasons and changing states of matter. <p>ELG: Speaking</p> <ul style="list-style-type: none"> - Participate in small group, class and one-to-one discussions, offering their own ideas, using recently introduced vocabulary. 	
KS1 readiness objectives	<p>To feel confident to answer simple questions about observable properties of objects and people, animals and plants around them</p> <p>To compare objects in their environment and talk about similarities and differences</p> <p>To ask questions about the world around them, and seek to find their own answers</p>	<p>To know what a plant is</p> <p>To know what a flower is</p> <p>To know where you see plants</p> <p>To describe different plants and flowers</p>	<p>To know what an animal is</p> <p>To recognise and name a variety of different animals</p> <p>To know the names of different body parts of humans and animals they have experience of</p>	<p>To recognise that different everyday objects are made from different materials</p> <p>To describe how different objects look and feel</p>	<p>To know about different types of weather</p> <p>To observe changes in trees and plants as the seasons progress</p>