



St Bartholomew's C of E Primary School
Progression of Skills for EYFS Science - Understanding the World
 Follow Jesus in all we do

St Bartholomew's C of E Primary School Progression of Skills Science

As the curriculum for Science includes Biology, Chemistry and Physics and encompasses a range of disciplines which are grouped into the area - Understanding the World. Whilst the children will be taught the subjects and disciplines in their day to day learning as exclusive teaching areas, the skills progression encompasses all the disciplines through the Early Learning Goals, the New EYFS framework and DfE Guidance from the Development Matters 2021 Documents.

ELG

Early Learning Goal

Understanding the World Children at the expected level of development will:

- Explore the natural world around them, making observations and drawing pictures of animals and plants;
- 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.

Physical Development, Children will have met the standards of development matters.

Class Teachers Subject leaders will use the guidance from the Department for Education 's Development Matters Document 2021 to determine progression and children's corresponding attainment. (See pages 59 onwards for Physical Development and 99 onwards for Understanding the World for full details)

Development Matters

Birth to 3	3-4	Reception
Explore and respond to different natural phenomena in their setting and on trips.	-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.	- Explore the natural world around them, making observations and drawing pictures of animals and plants. - Describe what they see, hear and feel whilst outside.

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	- Talk about the differences between materials and changes they notice.	- 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.
-To observe the effects of physical activity on their bodies	-Explore how things work. - Explore and talk about different forces they can feel.	-To know about similarities and differences in relation to places, objects, materials and living things. They talk about the features of their own immediate environment and how environments might vary from one another
	-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.	- Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter.
	- To eat a healthy range of foodstuffs and understand a need for variety in food -To show some understanding that good practices with regard to exercise, eating, sleeping and hygiene can contribute to good health	-To know the importance for good health of physical exercise, and a healthy diet, and talk about ways to keep healthy and safe