

EYFS Progression in Science

Taken from the new EYFS Framework 2021 and Development Matters 2021

| Science | | |
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| 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 so fat?" |
| | 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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| | 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. |
| ELG | Communication and Language | Listening, Attention and Understanding | <ul style="list-style-type: none"> • Make comments about what they have heard and ask questions to clarify their understanding. |
| | Personal, Social and Emotional Development | Managing Self | <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. |
| | Understanding the World | The Natural World | <ul style="list-style-type: none"> • 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. |