



Science Long Term Objectives



EYFS

Autumn

Termly Objectives

Nursery

Communication and Language

- Understand 'why' questions, like: "Why do you think the caterpillar got so fat?"

Personal, Social and Emotional Development

- Make healthy choices about food, drink, activity and tooth brushing.

Understanding the World

- 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

- 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 help work out problems and organise thinking and activities, and to explain how things work and why they might happen.
- Use new vocabulary in different contexts.

Personal, Social and Emotional Development

- Know and talk about the different factors that support their overall health and wellbeing: - regular physical activity - healthy eating - toothbrushing - sensible amounts of 'screen time' - having a good sleep routine - being a safe pedestrian

Understanding the World

- 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.

Spring

Termly Objectives



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Nursery

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Personal, Social and Emotional Development

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Understanding the World

- 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.
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- Plant seeds and care for growing plants.
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Reception

Communication and Language

- 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 help work out problems and organise thinking and activities, and to explain how things work and why they might happen.
- Use new vocabulary in different contexts.

Personal, Social and Emotional Development

- Know and talk about the different factors that support their overall health and wellbeing: - regular physical activity - healthy eating - toothbrushing - sensible amounts of 'screen time' - having a good sleep routine - being a safe pedestrian

Understanding the World

- 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.

Summer

Termly Objectives

Nursery

Communication and Language

Reception

Communication and Language Listening,



Science Long Term Objectives



• Understand 'why' questions, like: "Why do you think the caterpillar got so fat?"

Personal, Social and Emotional Development

• Make healthy choices about food, drink, activity and tooth brushing.

Understanding the World

- 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
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- Talk about the differences between materials and changes they notice

Attention and Understanding

• Make comments about what they have heard and ask questions to clarify their understanding.

Personal, Social and Emotional Development

Managing Self

• 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

- 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.



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