



Ashleigh Primary School and Nursery Science in EYFS

Phase	Development Area	Target	How We Do It
Three and Four-Year-Olds	Communication and Language	<ul style="list-style-type: none"> Understanding 'why' questions, like: "Why do you think the caterpillar got so fat?" 	<ul style="list-style-type: none"> Ongoing questioning during everyday exploration. Circle time discussions
	Personal, Social and Emotional Development	<ul style="list-style-type: none"> Make healthy choices about food, drink, activity and tooth brushing. 	<ul style="list-style-type: none"> Children learn about their bodies. They learn about looking after their teeth, healthy eating and sleep routines. Children learn about their daily routines. Children learn about different foods and food that grows. Children will be taught to manage their own basic hygiene and personal routines, including dressing, going to the toilet and understanding the importance of healthy food choices.
	Understanding the World	<ul style="list-style-type: none"> Use all their senses in hands-on exploration of natural materials. Explore collections of materials and 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. Plan seeds and care for growing plants. Understand the key features of the life cycle of a plant and 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. 	<ul style="list-style-type: none"> Everyday exploration. Children will observe and notice changes around them. Seasonal observations and events linked to those seasons - harvest time in Autumn. The children will explore growth and decay over time linked to plants in the garden. The children will plant seeds and vegetables and learn how to care for them. Children will plant seeds and care for them. They will observe changes in them and other plants in the farm area. Children will care for plants. When looking at growing and life cycles, children will recognise how they have grown. Children will use their senses for hands on exploration. When exploring materials, they will comment on the feel of these. They will talk about the forces they feel from the weather during seasonal exploration.
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. 	<ul style="list-style-type: none"> Everyday exploration and discussions of their observations.

		<ul style="list-style-type: none"> • 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. 	<ul style="list-style-type: none"> • Children will observe and notice changes around them. • Children will be encouraged to ask questions of the world around them and the observations they have made. • Children will describe significant events as they learn about the seasons. • Children will learn traditional tales linked to different materials. • Children will be exposed to a range of scientific vocabulary - the use of this vocabulary will be modelled and they will be encouraged to use it. (body, healthy, teeth, day, night, season, spring, summer, autumn, winter, food, grow, water, sunlight, land, sea, hard, soft, shiny, dull, rough, smooth) • New vocabulary is displayed in the learning space for children to refer to and adults to use in their conversations with the children
	<p>Personal, Social and Emotional Development</p>	<ul style="list-style-type: none"> • Know and talk about the different factors that support their overall health and well being: <ol style="list-style-type: none"> 1. Regular activity 2. Healthy eating 3. Tooth brushing 4. Sensible amounts of 'screen time' 5. Having a good sleep routine 6. Being a safe pedestrian 	<ul style="list-style-type: none"> • Children learn about their bodies. They learn about looking after their teeth, healthy eating and sleep routines. • Children learn about their daily routines. • Children learn about different foods and food that grows. • Children will be taught to manage their own basic hygiene and personal routines, including dressing, going to the toilet and understanding the importance of healthy food choices. • External visitors such as dentist and St John's Ambulance.
	<p>Understanding the World</p>	<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. 	<ul style="list-style-type: none"> • Everyday exploration. • Children will observe and notice changes around them. • Seasonal observations and events linked to those seasons - harvest time in Autumn. • The children will explore growth and decay over time linked to plants in the garden. The children will plant seeds and vegetables and learn how to care for them. • Children will plant seeds and care for them. They will observe changes in them and other plants in the farm area. • Children will care for plants.

			<ul style="list-style-type: none"> • When looking at growing and life cycles, children will recognise how they have grown. • Children will use their senses for hands on exploration. • When exploring materials, they will comment on the feel of these. They will talk about the forces they feel from the weather during seasonal exploration. 	
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 understanding. 	<ul style="list-style-type: none"> • Everyday exploration and observations. • Use of silent signals. • Ashleigh STARS reminders.
	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. 	<ul style="list-style-type: none"> • As part of learning about their bodies and growing up, children will learn about looking after their teeth, healthy eating and sleep routines.
	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. 	<ul style="list-style-type: none"> • Everyday exploration and observations. • Children will get an appreciation of the natural world through their experiences outside of the classroom - outdoor area, Ashleigh Farm, polytunnel etc. • The children will plant seeds, nurture plants and observe seasonal changes in outdoor areas throughout the year. • Children will explore different natural materials as well as man made materials.