

PRE-SCHOOL: BIRTH TO THREE

THE SCIENCE LINKS IN EYFS (DEVELOPMENT MATTERS 2020)

Understanding the World

Birth to three - babies, toddlers and young children will be learning to:

- Repeat actions that have an effect.
- · Explore materials with different properties.
- · Explore natural materials, indoors and outside.
- · Explore and respond to different natural phenomena in their setting and on trips.

Science Three and Communication and Language Understand 'why' questions, like: "Why do you think the Four-Year-Olds caterpillar got so fat?" Make healthy choices about food, drink, activity and **Physical Development** toothbrushing. 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.

ELG

ELG	Communication and Language	Listening, 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.

RECEPTION

	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.
Reception Continued	Physical 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
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 work out problems and organise thinking and activities. Explain how things work and why they might happen. Use new vocabulary in different contexts.

PRE-SCHOOL: THREE TO FOUR YEAR OLDS