Hamworthy Primary Schools – EYFS Science Links

Rationale:

The EYFS framework is organised across seven areas of learning rather than subject areas. There are 3 prime areas; Communication and Language, Personal, Social and Emotional Development, Physical Development. Alongside 4 specific areas; Literacy, Mathematics, Understanding of the World, Expressive Arts and Design. Knowledge taught across the EYFS feed into national curriculum subjects.

This document demonstrates which statements from the Development Matters are prerequisite knowledge for Science within the national curriculum. The table below outlines the most relevant statements taken from the Early Learning Goals in the EYFS statutory framework and the Development Matters age ranges for Three and Four-Year-Olds and Reception to match the programme of study for science.

The most relevant statements for history are taken from the following area of learning:

- Communication and Language
- Personal, Social and Emotional Development
- Understanding the World

Nursery (3 and 4 Year Olds)

Area of the curriculum:	Development matters point:
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 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.

Reception	
Area of the curriculum:	**Development matters point:**
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
Physical Development	• 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.

Early Learning Goal	
Area of the curriculum:	**Development matters point:**
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.