

Science in EYFS

Within the revised EYFS Statutory Framework 2021 Understanding the World the emphasis is on the natural world, “drawing on what they have read in class” & seasons features more in the ELG.

Development Matters	ELG Early Learning Goal	How this is achieved in EYFS	By the end of EYFS learners will know...
<p>Reception</p> <p>Communication & Language</p> <ul style="list-style-type: none"> Learn new vocabulary Use new vocabulary in different contexts Use talk to help work out problems and organise thinking and activities, and to explain how things work and why they might happen Articulate their ideas and thoughts in well-formed sentences Ask questions to find out more and to check they understand what has been said to them Describe events in some detail Engage in non-fiction books Listen to and talk about selected non-fiction to develop a deep familiarity with new knowledge and vocabulary <p>Personal Social & Emotional Development</p> <ul style="list-style-type: none"> 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 <p>Understanding the World</p> <ul style="list-style-type: none"> Explore the natural world around them Describe what they see, hear and feel whilst outside Recognise some environments that are different from the one in which they live Understand the effect of changing seasons on the natural world around them 	<p>Understanding the World: The Natural World</p> <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 <p>Personal Social & Emotional Development: Managing Self</p> <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 <p>Communication & Language: Listening, Attention & Understanding</p> <ul style="list-style-type: none"> Make comments about what they have heard and ask questions to clarify their understanding 	<p>-discussions around snack & lunch times - health food choices</p> <p>-discussions around healthy lifestyle choices including: washing hands, brushing teeth, eating & exercise</p> <p>-storytime & circle time explore books linked to themes eg. Keeping healthy, What makes me me?</p> <p>-naming body parts through songs</p> <p>-talking about animals</p> <p>-exploring the school grounds & observing seasonal changes</p> <p>-explore hibernation as part of autumn theme</p> <p>-explore harvest time in the UK & farming at harvest time</p> <p>- observe seasonal weather changes & longer nights in the autumn compared to winter</p> <p>-explore festivals around the world using a map/globe</p> <p>-discuss global warming & the impact on the polar regions</p> <p>-ice experiments</p> <p>Observe, question & draw signs of spring</p> <p>-explore natural resources asking questions & making observations</p> <p>-explore the lifecycle of a caterpillar</p> <p>-still life observations & drawing of plants, fruits & vegetables</p> <p>-plant seeds & flowers</p> <p>-access the school garden at different times of the year to see how things grow & change</p> <p>-building things for our fairytale characters</p> <p>-explore looking after our community - people who help us</p> <p>-discuss how we can look after our local & world environments</p> <p>-explore creatures that live in the sea</p> <p>-explore our outside area to look for minibeasts</p>	<ul style="list-style-type: none"> I know some foods are healthy & some not healthy I know why we need to brush our teeth I know how to use the toilet I know how to dress & undress I know the importance of washing my hands I know the names of some body parts & can say what they do I know who is in my family, including pets I know the difference between an animal & a plant I know the names of different animals eg. farm, wild I know the names of the four seasons I know what the weather is like in each of the seasons I know the main changes that happen in autumn, spring, winter, summer I know that ice melts when it gets hot I know that water turns to ice when it freezes I know that some animals sleep during the winter & this is called hibernation I know that the weather is different in different parts of the world I know what a plant needs to grow - light, water, soil, warmth I know that some food grows on trees & some comes from plants on & under the ground I know the lifecycle of a caterpillar I know that some materials float & some sink I know that some materials are better suited to jobs than others I know that my actions affect the world I know the names of some minibeasts

Vocabulary: healthy, unhealthy, germs, names of body parts & facial features, wide range of animal & common plant names, autumn, winter, spring, summer, name of different types of weather, name different environments, life cycle, grow, change, caterpillar, cocoon/chrysalis, egg, butterfly, material, float, sink, strong, stability, friction, recycle, community, names of common minibeasts