



FLORENCE MELLY COMMUNITY PRIMARY SCHOOL

SCIENCE FROM EYFS TO KEY STAGE 1

IF YOU CAN DREAM IT, YOU CAN DO IT!



Science Long-Term Sequence Early Years Foundation Stage to Key Stage 1

Specific Areas - Personal, Social and Emotional Development/ Understanding the World

Early Learning Goals	Key Vocabulary to be developed in EYFS	Examples of how this is achieved in EYFS	Science KS1 National Curriculum
<p>Personal, Social and Emotional Development Managing Self ELG</p> <p>Manage their own basic hygiene and personal needs, including dressing, going to the toilet and understanding the importance of healthy food choices.</p> <p>Understanding the World The Natural World ELG</p> <p>Explore the natural world around them, making observations and drawing pictures of animals and plants;</p> <p>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;</p> <p>Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter.</p>	<p>Scientific Vocabulary:</p> <p>scientist, sort, observation, identify, compare, group, investigate, test, evaluate.</p> <p>Vocabulary linked to Animals, including Humans:</p> <p>exercise, healthy, wash, toothbrush, tooth/teeth, body, head, bones, skeleton, family, animal, human, mammal, bird, fish, amphibian, insect, lifecycle, nocturnal.</p> <p>Vocabulary linked to Plans, Seasonal Changes and Living things and their Habitats:</p> <p>lifecycle, plant, seed, grow, roots, flower, seasons, Autumn, Winter, Spring, Summer, change, weather.</p> <p>Vocabulary linked to Plans, Seasonal Changes and Living things and their Habitats:</p> <p>material, wood, plastic, glass, float, sink, liquid, solid.</p>	<ul style="list-style-type: none"> Discussions at snack time of the importance of healthy food choices. During lunch time discussions. Through stories and circle time discussions, e.g. the story - Now wash your hands and Funny bones. P.E lessons that encourage getting dressed and undressed independently. Naming body parts through songs - Heads, shoulders, knees, and toes. RSHE link – Correct naming of body parts. Talking about pets at home. Exploring mini beasts and recording our observations. Going on walks to observe the local environment and to compare and learn about the seasons. Taking photos to compare seasons and discuss. Planting seeds and plants. Looking after the EYFS garden. Creating bug hotels. Growing plants from bulbs and seeds. Making boats to explore best materials. Water tray activities to explore water, ice, and materials that float and sink. Testing the best material for a raincoat for Paddington Bear. 	<p>Plants</p> <p>Pupils should be taught to:</p> <ul style="list-style-type: none"> identify and name a variety of common wild and garden plants, including deciduous and evergreen trees identify and describe the basic structure of a variety of common flowering plants, including trees. <p>Animals, including humans</p> <p>Pupils should be taught to:</p> <ul style="list-style-type: none"> identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals identify and name a variety of common animals that are carnivores, herbivores and omnivores describe and compare the structure of a variety of common animals (fish, amphibians, reptiles, birds and mammals, including pets) identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense. <p>Everyday materials</p> <p>Pupils should be taught to:</p> <ul style="list-style-type: none"> distinguish between an object and the material from which it is made identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock describe the simple physical properties of a variety of everyday materials compare and group together a variety of everyday materials on the basis of their simple physical properties. <p>Seasonal changes</p> <p>Pupils should be taught to:</p> <ul style="list-style-type: none"> observe changes across the four seasons observe and describe weather associated with the seasons and how day length varies.

Stories that could unlock this learning include:

