

Science Progression of skills Year 2

National Curriculum objectives: In this unit, children will be taught to...	
<p>KS1 Working Scientifically Pupils will be taught to use the following practical scientific methods, processes and skills:</p> <ul style="list-style-type: none"> • WS1 asking simple questions and recognising that they can be answered in different ways • WS2 observing closely, using simple equipment and measurement • WS3 performing simple tests • WS4 identifying and classifying • WS5 using their observations and ideas to suggest answers to questions • WS6 gathering, recording and communicating data and findings to help in answering questions. • WS7 use scientific language and read and spell age-appropriate scientific vocabulary • WS8 begin to notice patterns and relationships. 	<p>Living Things and their Habitats</p> <ul style="list-style-type: none"> • LH1 explore and compare the differences between things that are living, dead, and things that have never been alive • LH2 identify that most living things live in habitats to which they are suited • LH3 describe how different habitats provide for the basic needs of different kinds of animals and plants, and how they depend on each other • LH4 identify and name a variety of plants and animals in their habitats, including micro-habitats • LH5 describe how animals obtain their food from plants and other animals • LH6 understand a simple food chain, and identify and name different sources of food. <p>Plants</p> <ul style="list-style-type: none"> • P1 observe and describe how seeds and bulbs grow into mature plants • P2 find out and describe how plants need water, light and a suitable temperature to grow and stay healthy. <p>Animals including Humans</p> <ul style="list-style-type: none"> • AH1 notice that animals, including humans, have offspring which grow into adults • AH2 find out about and describe the basic needs of animals, including humans, for survival (water, food and air) • AH3 describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene. <p>Uses of Everyday Materials</p> <ul style="list-style-type: none"> • EM1 identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses • EM2 find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching.