

Science Curriculum-Autumn 1



EYFS The Gigantic Turnip	Year One The Snail and The Whale	Year Two Grace and Family	Year Three Oliver and The Seawigs	Year Four The Iron Man	Year Five Floodland	Year Six Journey to the River Sea
<p>The World: Plants</p> <p>WALT Plant and care for seeds such as cress or pulses such as beans</p> <p>WALT Observe growth of these plants and answer simple questions about change</p> <p>WALT Name and compare a range of harvest vegetables and fruit by talking about their shape, colour, size, smell, taste and texture</p>	<p>Animals inc humans Seasonal change</p> <p>WALT identify and name a variety of common animals such as fish, amphibians, reptiles and birds</p> <p>WALT identify and name a variety of common animals that are carnivores, herbivores and omnivores</p> <p>WALT describe and compare the structure of a variety of common animals (fish, amphibians, birds, reptiles & mammals including pets)</p>	<p>Plants</p> <p>WALT observe and describe how seeds and bulbs grow into mature plants</p> <p>WALT find out what plants need to grow</p> <p>WALT find out what plants need to stay healthy</p> <p>WILF begin to make predictions about what may happen</p> <p>WILF can make relevant observations</p> <p>WILF can ask questions about what is seen</p>	<p>Rocks</p> <p>WALT compare and group together different types of rocks based on their appearance and simple physical properties</p> <p>WALT describe how fossils are formed</p> <p>WALT recognise that soils are made from rocks and organic matter</p> <p>WILF can classify simple features</p> <p>WILF can find information in books and from other sources</p>	<p>Electricity</p> <p>WALT identify common electrical appliances</p> <p>WALT construct a simple series circuit and name its basic parts</p> <p>WALT identify whether or not a lamp will light in a simple series circuit</p> <p>WALT recognise the function of a switch</p> <p>WALT recognise common conductors and insulators</p> <p>WILF can begin to make theories</p>	<p>Living Things and their Habitats</p> <p>WALT describe the differences in the life cycles of a mammal, amphibian, insect and bird</p> <p>WALT describe the life process of reproduction in some plants</p> <p>WALT describe the life process of reproduction in some animals</p> <p>WILF can record data accurately using scientific diagrams, labels and tables</p>	<p>Evolution and Inheritance</p> <p>WALT recognise that living things have changed over time</p> <p>WALT understand that fossils provide information about living things that used to inhabit the Earth</p> <p>WALT recognise that living things produce offspring of the same kind</p> <p>WALT understand that normally offspring vary and are not identical to their parents</p>

	<p>WALT observe changes to the environment that happen in Autumn time</p> <p>WILF can talk simply about what is seen</p> <p>WILF can answer simple questions about what is seen</p> <p>WILF can describe simple features using the correct vocabulary (such as parts of an animal's body)</p> <p>WILF can sort data within given criteria</p> <p>WILF able to draw labelled pictures</p>	<p>WILF able to identify simple parts of plants</p> <p>WILF can talk about simple cause and effect when explaining things</p> <p>WILF can make sketches to show changes in the growth of seeds and/or bulbs</p> <p>WILF can use a line graph to chart the growth of a plant</p>	<p>WILF can make systematic and careful observations</p> <p>WILF can think of relevant questions to ask during testing</p> <p>WILF can examine closely and question what is seen</p> <p>WILF can identify features of a fair test and carry out a fair test with help</p> <p>WILF recognises the importance of data collection</p>	<p>WILF can provide explanations using scientific language</p> <p>WILF can ask relevant questions</p> <p>WILF able to make predictions based on scientific knowledge</p> <p>WILF able to review work and check predictions</p> <p>WILF can repeat tests when necessary and explain any differences</p>	<p>WILF can make oral and written presentations</p> <p>WILF able to distinguish between different elements of data</p>	<p>WALT identify how animals and plants are adapted to suit their environment and that adaption may lead to evolution</p> <p>WILF can plan different types of scientific enquiries to answer questions</p> <p>WILF can draw conclusions and give explanations in oral and written formats</p> <p>WILF can identify differences, similarities or changes related to scientific ideas and processes</p> <p>WILF recognise how abstract ideas help us to predict future change</p>
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