

Year 2 Science Skills

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(New Curriculum / Old curriculum)

<p>WORKING SCIENTIFICALLY ONGOING</p> <p>Ask simple questions (recognising that they can be answered in different ways)</p> <p>Observe closely, using simple equipment</p> <p>Perform simple tests</p> <p>Identify and classify</p> <p>Use observation and ideas to suggest answers to questions</p> <p>Gathering and recording data to help answer questions</p> <p>Include secondary sources throughout</p>	<p>TERM 1 (Africa) LIVING THINGS + THEIR HABITATS -Explore and compare differences between things that are living, dead, never been alive -Identify that most living things live in habitats to which they are suited/ describe how different habitats provide for the basic needs of different plants/animals and how they depend on each other -Identify and name variety of plants /animals in their habitat including microhabitats -Describe how animals obtain their food from plants/other animals using simple food chain – identify and name different sources of food</p>
	<p>TERM 2 (Space) WORKING SCIENTIFICALLY -Use secondary sources to research work of scientists working in Space PHYSICAL PROCESSES -Explore simple series circuits -Identify different light sources including the Sun -Identify that darkness is the absence of light -Identify that there are many different kinds of sounds and sources of sounds -Identify that sounds travel away from sources, getting fainter as they do so</p>
	<p>TERM 3 (Wild Weather) USES OF EVERYDAY MATERIALS -Identify and compare the suitability of variety of everyday materials for particular uses (wood, metal, plastic, glass, brick, rock, paper) - Find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting, stretching</p>
	<p>TERM 4 (Amazing Me) ANIMALS, INCLUDING HUMANS -Notice that animals, including humans, have offspring which grow into adults -Find out about and describe the basic needs of animals, including humans, for survival (water, food, air) -Describe the importance for humans of exercise, eating the right amount of different types of food and hygiene PLANTS -Observe and describe how seeds/bulbs grow into mature plants -Find out and describe how plants need water, light and a suitable temperature to grow and stay healthy</p>
	<p>TERM 5 (Great Fire of London) WORKING SCIENTIFICALLY As for ongoing – heat investigations CHANGING MATERIALS -Explore and describe the way some everyday materials change when they are heated or cooled</p>
	<p>TERM 6 (Pirates and Smugglers) WORKING SCIENTIFICALLY As for ongoing – investigations PHYSICAL PROCESSES – FORCES -Explore and describe movement of familiar things -Identify that pushes/pulls are examples of forces -Recognise that when things speed up, slow down, change direction there is a cause</p>

* optional as part of Chris Quigley.