

Year B Science KS2

Topic	
<p>Fit for Success</p> <p>Animals, including humans</p>	<p>Learn about different food groups and the importance of a balanced diet</p> <p>Classifying and identifying</p> <p>Identify patterns and trends in data</p> <p>Pattern seeking, problem solving</p> <p>Learn about the human skeleton and bones</p> <p>Classifying and identifying, analysing secondary sources</p> <p>Learn how muscles work in pairs</p> <p>Pattern seeking, problem solving</p> <p>Learn how the diaphragm is used in breathing to get oxygen into the blood</p> <p>Fair testing, pattern seeking</p> <p>Learn how to present and report findings from investigations</p>
<p>Electric Personalities</p> <p>Electricity</p>	<p>Learn about electrical components and both mains and battery power.</p> <p>Exploring, classifying and identifying, analysing secondary sources</p> <p>Understand the dangers of electricity</p> <p>Analysing secondary sources</p> <p>Learn how to make electrical components work and that a circuit is needed</p> <p>Learn the symbols for each component</p> <p>Exploring, observing, pattern seeking</p> <p>Understand switches and how they work also which materials allow electricity to pass through them (electrical conductors) and which do not (electrical insulators)</p> <p>Exploring, pattern seeking, classifying and identifying</p>
<p>A Feast of Flowers, Fruits and Seeds</p> <p>Plants (Lifecycles)</p>	<p>Understand that flowers usually have male and female parts</p> <p>Learn how pollination takes place</p> <p>Observation, analysing secondary sources</p> <p>Understand that fruits hold seeds in a variety of ways and these are dispersed in different ways e.g. animals, water and wind dispersal</p> <p>Exploration, problem solving, classifying and identifying</p>
<p>What's the Matter?</p> <p>States of Matter</p>	<p>Understand the difference between solids and liquids</p> <p>Exploring, observing, classifying and identifying</p> <p>Learn about the properties of gases and be able to identify some solids, liquids and gases</p> <p>Analysing secondary sources, exploring</p> <p>Know how to use data loggers</p> <p>Learn the elements of the Water Cycle and associated vocabulary of evaporation, condensation and precipitation</p> <p>Exploring over time, fair testing</p>
<p>A World of Living Things</p>	<p>Learn about the 7 life processes</p> <p>Learn the difference between mosses, ferns, conifers and flowering plants</p> <p>Classifying and identifying, analysing secondary sources</p> <p>Learn about the main groups and features of living things</p>

<p>Living things and their habitats</p>	<p>Learn about invertebrates and vertebrates Learn about the features of birds and reptiles and the variety within these groups Learn what is special about mammals Classifying and identifying, analysing secondary sources</p>
<p>Sound Spectacular Sound</p>	<p>Learn about how sounds are made Understand how sound travels and what it can travel through Exploring, fair testing Learn about vibrations and how the ear works Exploring, analysing secondary sources Understand pitch and sound levels Exploring, pattern seeking, fair testing</p>