

# Science: Unit Focus Overview



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 1	<p><b>Animals Including Humans - about me</b></p> <p>Which of the five senses do you think are the most important?</p>	<p><b>Animals Including Humans - about animals:</b></p> <p>Could all animals be pets?</p>	<p><b>Exploring Everyday Materials:</b></p> <p>Why certain materials are used for the items we use every day?</p>	<p><b>Introduction to Plants:</b></p> <p>How can we grow the tallest sunflower?</p>	<p><b>Seasonal Change</b></p> <p>What is it like in Winter, Spring, Summer, and Autumn?</p>	<p><b>Use of Everyday Materials:</b></p> <p>Which materials are suitable to build a bridge?</p>
Year 2	<p><b>Animals, including Humans - diet and health</b></p> <p>Why can't we just eat chocolate?</p>	<p><b>Animals Including Humans – growth</b></p> <p>Are life cycles of animals the same?</p>	<p><b>Living Things and their Habitats:</b></p> <p>Why do different animals live in different places?</p>	<p><b>Living Things and Their Habitats - habitats around the world</b></p> <p>How do animals adapt to their environment in order to thrive?</p>	<p><b>Plants - growth and care</b></p> <p>What happens to my seed after I have planted it?</p>	<p><b>Everyday Materials:</b></p> <p>Can we change materials?</p>
Year 3	<p><b>Animals Including Humans - what makes us:</b></p> <p>Are all skeletons the same?</p>	<p><b>Rocks:</b></p> <p>What types of rock are there?</p>	<p><b>Forces and Magnets:</b></p> <p>Are all materials magnetic?</p>	<p><b>Light:</b></p> <p>How can we change the size of a shadow?</p>	<p><b>Exploring the World of Plants:</b></p> <p>What are the ideal conditions a plant needs to grow?</p>	<p><b>Plants - life cycles:</b></p> <p>What are the roles of plant organs?</p>
Year 4	<p><b>Animals, including Humans - food and digestion:</b></p> <p>What happens in our digestive system?</p>	<p><b>Classifying things and their Habitats The Big Build</b></p> <p>Can animals adapt to the habitats they reside in?</p>	<p><b>Electricity:</b></p> <p>Does electricity still travel when there is a broken link in a circuit?</p>	<p><b>States of Matter:</b></p> <p>Can materials change from being solids, liquids and gases?</p>	<p><b>Sound:</b></p> <p>How is sound made?</p>	<p><b>Living Things and their Habitats – Conservation</b></p> <p>Can the change in environment sometimes</p>

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						pose dangers to living things?
Year 5	<p>Living Things</p> <p>the human life cycle:</p> <p>Do all animals have the same life cycle?</p>	<p>Changes of Materials:</p> <p>Can all materials change state?</p>	<p>Earth and Space:</p> <p>Do all countries around the world have night and day at the same time?</p>	<p>Forces</p> <p>What is the difference between natural and applied forces?</p>	<p>Properties of Materials</p> <p>How energy efficiency can be improved?</p>	<p>Animals, including Humans:</p> <p>Studying Living Things</p> <p>Why do humans change over time?</p>
Year 6	<p>Animals, including Humans:</p> <p>- blood and transportation</p> <p>Why is it important to maintain a healthy circulatory system?</p>	<p>Living Things and their Habitats:</p> <p>How can we use classification to identify similarities and differences, and how do environmental factors affect living things?</p>	<p>Evolution and Inheritance:</p> <p>What has evolution taught us about how animals including humans have changed and adapted to suit their environment?</p>	<p>Evolution and Light</p> <p>Light:</p> <p>How do we see? How do we recognise how shadows are created? How can light change?</p>	<p>Light and Electricity:</p> <p>How are electrical circuits used in everyday life?</p>	<p>Electricity/ Looking After the Environment</p> <p>How can we look after the Environment?</p>