

# Bowmansgreen Primary School

## Science Curriculum Overview 2021 – 2022



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year One	<p><b>Animals, including humans</b> (Identify, name and label body parts of humans.)</p> <p><i>*[Observe seasonal changes throughout the year- Last week before half term]</i></p>	<p><b>Animals, including humans</b> (Identify, name and describe animals.)</p>	<p><b>Everyday materials</b> (Name common materials and identify the materials things are made from.)</p> <p><i>*[Observe seasonal changes throughout the year- First week of term]</i></p>	<p><b>Everyday materials</b> (Identify and describe properties of materials. Compare and group materials.)</p> <p><i>*[Observe seasonal changes throughout the year- Last week of term]</i></p>	<p><b>Plants</b> (Name common plants and trees. Label parts of a plant.)</p>	<p><b>Seasonal changes</b> *(Topic summary: weather, length of days.)</p>
Year Two	<p><b>Uses of everyday materials</b> (Investigate how solid materials can change shape.)</p>	<p><b>Uses of everyday materials</b> (Identify and compare the suitability of materials.)</p>	<p><b>Living things and their habitats</b> (Compare the living, dead and never alive; identify habitats and use simple food chains.)</p>	<p><b>Plants</b> (Investigate what plants need to survive.)</p>	<p><b>Animals, including humans</b> (Exercise and healthy eating)</p>	<p><b>Animals, including humans</b> (Life cycles)</p>
Year Three	<p><b>Animals, including humans</b> (Skeletons and muscles)</p>	<p><b>Rocks</b> (Compare and group rocks. Formation of fossils and soils.)</p>	<p><b>Animals, including humans</b> (Nutrition)</p>	<p><b>Plants</b> (Function of the parts of flowering plants. Explore requirements for life and growth.)</p>	<p><b>Light</b> (Recognise the importance of light and how it is reflected from surfaces. Shadow formation and investigate their size.)</p>	<p><b>Forces and Magnets</b> (Describe magnets and how they act. Observe and predict whether they will attract or repel. Identify magnetic materials.)</p>
Year Four	<p><b>Living things and their habitats</b> (Grouping, classifying and interdependence)</p>	<p><b>States of matter</b> (Group materials, investigate changing states, evaporation and condensation)</p>	<p><b>Sound</b> (How we hear, pitch and volume)</p>	<p><b>Electricity</b> (Simple series circuits; recognise conductors and insulators)</p>	<p><b>Animals, including humans</b> (Food chains)</p>	<p><b>Animals, including humans</b> (Teeth and digestive system)</p>
Year Five	<p><b>Properties and changes of materials</b> (Compare and group materials. Investigate dissolving, separating mixtures, reversible and irreversible changes.)</p>	<p><b>Forces</b> (Weight and gravity, friction, air resistance, water resistance, levers, gears and pulleys.)</p>	<p><b>Earth and Space</b> (Movement of planets in relation to the Sun, describe movement of the Moon relative to the Earth and explain day and night.)</p>	<p><b>Living things and their habitats</b> (Describe differences in life cycles.)</p>	<p><b>Living things and their habitats</b> (Reproduction in plants and animals.)</p>	<p><b>Animals, including humans</b> (Describe changes to humans, including puberty.)</p>
Year Six	<p><b>Electricity</b> (Symbols and circuit diagrams. Investigate variations in how components function.)</p>	<p><b>Light</b> (Investigate how light travels and how we see things.)</p>	<p><b>Animals, including humans</b> (Heart, lungs and circulatory system. Transportation of nutrients and water.)</p>	<p><b>Animals, including humans</b> (Diet, exercise, drugs and lifestyle on the function of the body.)</p>	<p><b>Living things and their habitats</b> (Classification of plants and animals, including work of Carl Linnaeus.)</p>	<p><b>Evolution and Inheritance</b> (Fossils, offspring, adaptation and evolution.)</p>