

## Bowmansgreen Primary School

### Science Curriculum Overview

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

