

**Science Overview – New Curriculum**

	Autumn 1 <sup>st</sup>	Autumn 2 <sup>nd</sup>	Spring 1 <sup>st</sup>	Spring 2 <sup>nd</sup>	Summer 1 <sup>st</sup>	Summer 2 <sup>nd</sup>
Year 1	<p><b>Senses and Seasons</b></p> <p>Identify parts of the body and senses Observe changes to the four seasons Observe and describe weather</p>	<p><b>Science Project And Seasons</b></p> <p>Working scientifically Observe changes to the four seasons Observe and describe weather</p>	<p><b>Materials and Seasons</b></p> <p>Identify and group a range of materials Observe changes to the four seasons Observe and describe weather</p>	<p><b>Grouping Animals</b></p> <p>Identify, name and group animals</p>	<p><b>Seasonal change and Scientists</b></p> <p>Observe changes to the four seasons Observe and describe weather</p>	<p><b>Naming trees and flowers</b></p> <p>Identify and name common plants Identify and name structures of plants</p>
Year 2	<p><b>Animals and Health</b></p> <p>Animals and humans grow into adults Basic needs of animals Keeping healthy</p>	<p><b>Science Project and Scientists</b></p> <p>Working scientifically</p>	<p><b>Materials</b></p> <p>Identify and compare the suitability of materials Changing the shape of materials</p>	<p><b>Assessment Focus</b></p> <p>Working scientifically Living things Plants Animals Materials Revision</p>	<p><b>Germination and Plant Growth</b></p> <p>How seeds and bulbs grow What plants need for healthy growth</p>	<p><b>Habitats and Food Chains</b></p> <p>Identify, name and group common living things within their habitat Food sources</p>
Year 3	<p><b>Nutrition and Our Bodies</b></p> <p>Nutrition from food Skeletons and muscles</p>	<p><b>Forces and Magnetism</b></p> <p>Movement on surfaces Acting forces Magnetic behaviour</p>	<p><b>Science Project and Scientists</b></p> <p>Working scientifically</p>	<p><b>Rocks, Fossils, Soils</b></p> <p>Comparing and grouping rocks Fossil formation Soil</p>	<p><b>Plants and Seed Dispersal</b></p> <p>Functions of parts of the plant Plant needs Water transportation Seed formation and dispersal</p>	<p><b>Light and Shadows</b></p> <p>Light to see Light is reflected Sun danger Formation of shadows and shadow change</p>
Year 4	<p><b>Grouping and Classifying</b></p> <p>Living things can be grouped Classification keys Environmental change</p>	<p><b>Science project and Scientists</b></p> <p>Working scientifically</p>	<p><b>Digestion and Teeth</b></p> <p>Functions of digestive system Functions of types of teeth Food chains</p>	<p><b>Sound</b></p> <p>Sound creation Vibration Patterns in pitch and volume Sounds over distances</p>	<p><b>Circuits</b></p> <p>Appliances using electricity Series circuits Switches Conductors and insulators</p>	<p><b>Materials and Water Cycle</b></p> <p>Grouping materials Effect of temperature Evaporation and condensation</p>
Year 5	<p><b>Properties of materials</b></p> <p>Grouping according to properties of materials</p>	<p><b>Changes of materials</b></p> <p>Dissolving Separation Reversible and irreversible changes</p>	<p><b>Life cycles</b></p> <p>Differences in life cycles within groups Reproduction of plants and animals</p>	<p><b>Sun, Earth and Moon</b></p> <p>Movement of the Sun, Earth and Moon Earth's rotation</p>	<p><b>Science Project and Scientists</b></p> <p>Working scientifically</p>	<p><b>Gravity and Resistance</b></p> <p>Effects of gravity Air and water resistance Effect of mechanisms on forces</p>
Year 6	<p><b>Circulation and Lifestyles</b></p> <p>Human circulatory system Impact of health Transportation of nutrients and water</p>	<p><b>Circuits</b></p> <p>Voltage of cells Variations in the function of components Recognition of circuit symbols</p>	<p><b>Light and Shadows</b></p> <p>Straight lines Reflection of light Shadows</p>	<p><b>Organisms and Classification</b></p> <p>Characteristics of groups Classification and explanation</p>	<p><b>Adaptation and Evolution</b></p> <p>Changes to living things over time Production of offspring Adaptation leading to evolution</p>	<p><b>Science Project and Scientists</b></p> <p>Working scientifically</p>