

	Autumn A	Autumn B	Spring A	Spring B	Summer A	Summer B
Year 1	<b>The Human Body</b> <ol style="list-style-type: none"> <li>1. Introduction to Our Body and Our Senses</li> <li>2. Eyes and Sight</li> <li>3. Ears and Hearing</li> <li>4. Touch, taste and smell</li> <li>5. Understanding Sensory Impairment</li> </ol>	<b>Animals and their Needs</b> <ol style="list-style-type: none"> <li>1. Amazing Animals (Introduction to Animals)</li> <li>2. Grouping animals: Fish, amphibians, reptiles, birds and mammals</li> <li>3. Grouping animals: carnivores, herbivores and omnivores</li> <li>4. Animals as pets</li> <li>5. Describing animals</li> </ol>	<b>Seasons and Weather</b> <ol style="list-style-type: none"> <li>1. The four seasons</li> <li>2. Tools to record the weather</li> <li>3. Using a graph to show information about the weather</li> <li>4. Clouds and what they tell us: cirrus, cumulus and stratus</li> <li>5. Weather forecasting</li> </ol>	<b>Taking Care of the Earth</b> <ol style="list-style-type: none"> <li>1. Taking Care of the Earth</li> <li>2. Earth's Natural Resources</li> <li>3. Logging</li> <li>4. Pollution</li> <li>5. Recycling</li> </ol>	<b>Plants</b> <ol style="list-style-type: none"> <li>1. What plants need</li> <li>2. Parts of plants</li> <li>3. Seeds</li> <li>4. Deciduous and evergreen plants</li> <li>5. Plants we eat</li> </ol>	<b>Materials and Magnets</b> <ol style="list-style-type: none"> <li>1. Everyday Materials</li> <li>2. Properties of Materials</li> <li>3. Uses of Materials</li> <li>4. Magnets</li> <li>5. Investigation</li> </ol>
Year 2	<b>The Human Body</b> <ol style="list-style-type: none"> <li>1. Animals, including humans, survival and offspring</li> <li>2. The Skeletal System, The Muscular System and Exercise</li> <li>3. The Digestive system and Healthy Eating</li> <li>4. The Circulatory system</li> <li>5. Germs, diseases and preventing illness</li> </ol>	<b>Living Things in their Environments</b> <ol style="list-style-type: none"> <li>1. Dead or Alive</li> <li>2. What is a habitat?</li> <li>3. Rainforest and Desert habitats</li> <li>4. Meadow habitats</li> <li>5. Underground habitats</li> </ol>	<b>Electricity</b> <ol style="list-style-type: none"> <li>1. Introduction to Electricity</li> <li>2. Safety</li> <li>3. Exploring Circuits (A)</li> <li>4. Exploring Circuits (B)</li> <li>5. Investigating conductive and non-conductive materials</li> </ol>	<b>Plants</b> <ol style="list-style-type: none"> <li>1. Plants around us</li> <li>2. Seeds and bulbs</li> <li>3. Comparative test 1</li> <li>4. Comparative Test 2</li> <li>5. Food and Farming</li> </ol>	<b>Materials and Matter</b> <ol style="list-style-type: none"> <li>1. Materials and their uses</li> <li>2. George de Mestral and Velcro</li> <li>3. Matter under the microscope</li> <li>4. Changing Solid Objects</li> <li>5. Liquids and their properties</li> </ol>	<b>Astronomy</b> <ol style="list-style-type: none"> <li>1. Introduction to Astronomy</li> <li>2. Model the Solar System</li> <li>3. Orbit and Rotation</li> <li>4. The Moon and its Phases</li> <li>5. Constellations</li> </ol>
Year 3	<b>The Human Body</b> <ol style="list-style-type: none"> <li>1. The Muscular System</li> <li>2. The Skeletal System</li> <li>3. The Nervous System</li> <li>4. Preparing to Eat</li> <li>5. The Digestive System</li> </ol>	<b>Cycles in Nature</b> <ol style="list-style-type: none"> <li>6. The Four Seasons (prior learning)</li> <li>7. Seasonal Cycles in Plants</li> <li>8. Life Cycle of a Plant</li> <li>9. Animal Migration</li> <li>10. Life Cycle of a Frog</li> </ol>	<b>Light</b> <ol style="list-style-type: none"> <li>1. Light and Dark</li> <li>2. Transparent and opaque surfaces</li> <li>3. Mirrors and reflection</li> <li>4. Shadows</li> <li>5. Finding patterns in changing shadows</li> </ol>	<b>Plants</b> <ol style="list-style-type: none"> <li>1. Botany and Flowering Plants</li> <li>2. Requirements for life and growth</li> <li>3. Water transportation in plants</li> <li>4. Pollination in Flowering Plants</li> <li>5. Seed Dispersal</li> </ol>	<b>Rocks</b> <ol style="list-style-type: none"> <li>1. Sorting rocks</li> <li>2. How Rocks are Formed</li> <li>3. Permeability</li> <li>4. Fossils</li> <li>5. Soil</li> </ol>	<b>Forces and Magnets</b> <ol style="list-style-type: none"> <li>1. Forces (Gravity)</li> <li>2. Friction</li> <li>3. Magnet</li> <li>4. Magnetic Poles and Fields</li> <li>5. Investigating the strength of magnets</li> </ol>

Year 4	<b>The Human Body</b> <ol style="list-style-type: none"> <li>Cells and Nutrients</li> <li>Teeth and Senses</li> <li>Digestion</li> <li>A Healthy Diet</li> <li>Vitamins and Minerals</li> </ol>	<b>Classification of Plants and Animals</b> <ol style="list-style-type: none"> <li>Introduction to classification</li> <li>Classes of vertebrates: Fish and Amphibians</li> <li>Classes of vertebrates: Reptiles, Birds and Mammals</li> <li>Classes of invertebrates: Insects, Arachnids and Molluscs</li> <li>Classification of plants</li> </ol>	<b>Ecology</b> <ol style="list-style-type: none"> <li>Living things and Habitats</li> <li>Natural Cycles</li> <li>Web of Living Things</li> <li>Human Threats to the Environment</li> <li>Ecology in our Local Area</li> </ol>	<b>Sound</b> <ol style="list-style-type: none"> <li>What is sound?</li> <li>Speed of sound</li> <li>Qualities of sound – Pitch and Volume</li> <li>Human Voice</li> <li>Ears- how we hear</li> </ol>	<b>The Water Cycle</b> <ol style="list-style-type: none"> <li>States of Matter</li> <li>Evaporation</li> <li>Condensation</li> <li>Precipitation</li> <li>The Water Cycle</li> </ol>	<b>Electricity</b> <ol style="list-style-type: none"> <li>Electrical Safety</li> <li>Parts of a circuit</li> <li>Switches</li> <li>Thomas Edison and Lewis Latimer</li> <li>Investigating conductive and non-conductive materials</li> </ol>
Year 5	<b>The Human Body:</b> <ol style="list-style-type: none"> <li>Human Growth Stages</li> <li>Adolescence and Puberty</li> <li>Slowing Down</li> <li>Growth in Humans and Animals</li> <li>Preparation for Assessment (research and scientific drawing)</li> </ol>	<b>Materials</b> <ol style="list-style-type: none"> <li>Properties of materials</li> <li>Which material is best?</li> <li>Solubility- which materials are most soluble/what solubility means</li> <li>Separating mixtures- sieving, filtering, evaporating</li> <li>Reversible changes- dissolving, mixing, change of state</li> </ol>	<b>Living Things</b> <ol style="list-style-type: none"> <li>Life cycles of plants and animals in our local area</li> <li>Reproduction in Plants</li> <li>Life cycles of Mammals and Amphibians</li> <li>Life cycles of insects and birds</li> <li>The work of David Attenborough and Jane Goodall</li> </ol>	<b>Forces</b> <ol style="list-style-type: none"> <li>Forces including gravity</li> <li>Air resistance, water resistance and friction</li> <li>Guided investigation: Paper Drop</li> <li>Guided investigation: Paper Drop</li> <li>Pulleys, gears and levers</li> </ol>	<b>Astronomy</b> <ol style="list-style-type: none"> <li>The Big Bang and the expanding universe</li> <li>Gravity</li> <li>Our Solar System</li> <li>The Moon</li> <li>Our Galactic neighbourhood</li> </ol>	<b>Meteorology</b> <ol style="list-style-type: none"> <li>Meteorology and the Atmosphere</li> <li>The Ozone Layer</li> <li>Air Movement</li> <li>Cold and Warm Fronts</li> <li>Thunder and Lightning</li> </ol>
Year 6	<b>The Human Body</b> <ol style="list-style-type: none"> <li>The Heart: Circulation of the Blood</li> <li>Blood Vessels and Transport</li> <li>Components of Human Blood</li> <li>Blood Pressure and Heart Rate</li> <li>Heart Rate- an Investigation</li> </ol>	<b>Classification of Living Things</b> <ol style="list-style-type: none"> <li>Classifying organisms</li> <li>Cells: Plant and Animal cells</li> <li>Taxonomy</li> <li>Vertebrates</li> <li>Invertebrates</li> </ol>	<b>Electricity</b> <ol style="list-style-type: none"> <li>Simple Series Circuits</li> <li>Parallel Circuits</li> <li>Switches</li> <li>Planning an investigation</li> <li>Investigation</li> </ol>	<b>Light</b> <ol style="list-style-type: none"> <li>How light travels</li> <li>How we see</li> <li>Shadows and their shapes</li> <li>The Colour of Light</li> <li>Making a periscope</li> </ol>	<b>Reproduction</b> <ol style="list-style-type: none"> <li>Asexual reproduction</li> <li>Sexual reproduction in non-flowering plants</li> <li>Sexual reproduction in flowering plants</li> <li>Reproduction in animals</li> <li>Growth stages</li> </ol>	<b>Evolution</b> <ol style="list-style-type: none"> <li>Fossils and Evolution</li> <li>Inheritance</li> <li>Adaptation</li> <li>Charles Darwin</li> <li>Alfred Wallace</li> </ol>