



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 3	<p>Animals including humans</p> <p>Content: Nutrition, bones and skeletons</p> <p>STEM Outcome: A healthy meal</p>	<p>Light</p> <p>Content: Seeing, dark, shadows, the sun</p> <p>STEM Outcome: Periscope</p>	<p>Plants</p> <p>Content: Parts of plants, requirement for growth, water transportation, pollination, seed formation and dispersal.</p> <p>STEM Outcome: Make a planter / Tree garden</p>	<p>DT – Stiffening & strengthening</p> <p>Content: how to strengthen, stiffen and reinforce more complex structures</p> <p>STEM Outcome: Model shelter</p>	<p>Rocks & Soils</p> <p>Content: Rocks & soils</p>	<p>Forces and magnets</p> <p>Content: movement on surfaces, magnetic attraction, repulsion, poles.</p> <p>STEM Outcome: Balloon cars</p>
Year 4	<p>Living things and their habitats</p> <p>Content: Grouping, classification, environment</p> <p>STEM Outcome: Environment project (Eco Schools Link)</p>	<p>Sound</p> <p>Content: Vibration, ear, pitch, volume, effect of distance</p> <p>STEM Outcome: Musical instruments</p>	<p>States of matter</p> <p>Content: solids, liquids, gasses, changing state, temperature, water cycle</p>	<p>Electricity</p> <p>Content: appliances, series circuits, switches, conductors, insulators</p> <p>STEM Outcome: Steady Hand Game</p>	<p>Animals including humans</p> <p>Content: Teeth, digestion, food chains</p> <p>STEM Outcome: Healthy teeth project</p>	<p>DT - Textiles (K)</p> <p>Content: select from and use a wider range of tools and equipment to perform practical tasks</p> <p>STEM Outcome: Cushions / Fastenings</p>
Year 5	<p>Earth & Space</p> <p>Content: movement of Earth, movement of the moon, the solar system, night and day, position of sun in the sky</p>	<p>DT - Structures</p> <p>Content: apply their understanding of how to strengthen, stiffen and reinforce more complex structures</p> <p>STEM Outcome: Model bridge</p>	<p>Animals including humans</p> <p>Content: Reproduction, life cycles, human changes, puberty</p>	<p>Properties & changes of materials</p> <p>Content: comparing and grouping, dissolving, substances, solutions, states of matter, uses of materials, reversible and irreversible change.</p>	<p>Forces</p> <p>Content: gravity, resistance, friction, levers, pulleys, gears. DT – mechanical systems</p> <p>STEM Outcome: Mechanical system</p>	<p>DT - Savoury Meals</p> <p>Content: Savory dishes, Cooking with a heat source, following a recipe, variety of cooking techniques (grilling, frying, boiling),</p> <p>STEM Outcome: Main meal</p>

Year 6	<p>Living things and their habitats</p> <p>Content: classification, microorganisms, Bread (DT)</p> <p>STEM Outcome: Bread making</p>	<p>Light</p> <p>Content: how light travels, the eye, reflection, shadows</p>	<p>Evolution & Inheritance</p> <p>Content: fossils, evolution, adaptation, environment, inheritance</p>	<p>Animals including humans</p> <p>Content: circulatory system, diet, exercise, drugs, nutrient and water transport</p>		<p>Electricity</p> <p>Content: voltage, components, function, circuit diagrams</p> <p>Outcome: Motorised vehicle (DT)</p> <p>DT – Electrical systems</p> <p>Content: understand and use electrical systems in their products</p> <p>STEM Outcome: Fairground</p>
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See also the progression of knowledge & skills for each year group.