



Holy Trinity Church of England Primary School

To be the best we can be: for God, for others and for ourselves

Science Curriculum Map

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Reception	My family – Biology Links to Y2 and 3	Seasons – Physics Light and dark – nocturnal and diurnal animals Links to Y1 and 3/6	Freezing & Melting – Chemistry Seasons – Physics Links to Y4, 5	Properties of Materials – Chemistry Links to Y2, 5	Growing and plants – Biology Seasons – Physics Links to Y1, 2, 3 and 5	Life Cycles – Biology Links to Y2, 5 and 4, 6
Year 1	Seasonal Changes – Physics Observe and describe weather Links to R	Animals Inc. humans – Biology Body parts and senses. Civitas P264 Links to Y2, 3, 4 - sound	Seasonal Changes- Physics Observe and describe weather Links to R	Materials – Chemistry Describe features of everyday materials. Wood, plastics, glass, metal and water. Civitas p270/271 link to Y3 magnets Links to R, Y2, 5	Seasonal Changes- Physics Observe and describe weather Links to R	Plants – Biology Know common garden and wild plants. Basic parts of a plant or tree. Links to R, Y2, 3 and 5
Year 2	Materials – Chemistry Everyday materials, Electrical and non-electrical Civitas p315 Links to R, Y1, Y4 Y5	Living Things and Their Habitats / Food chains – Biology Links R, 1, 4, 5 and 6	Animals Including Humans – Biology Links to Y1 and 3	Plants – Biology Parts of a plant Life cycles Links to Y1, 3 and 5	Living things & their habitats – Biology Food chains. Link to Y4 and 5	Living things & their habitats – Biology Food chains. Link to Y4 and 5
Year 3	Forces – Physics Magnets and poles. Friction Civitas Magnetism 308 - 311 Links to Y5, Y1	Animals Inc. humans – Biology Skeleton functions Nutrition of different animals. Civitas 302 - 307 Links to R, 1, 2, 3, 4, 5 and 6	Rocks/Materials – Chemistry Soil types Rock types Fossil formation Links to Y5	Plants – Biology Functions of a flower Seed dispersal Germination Link to Y1, 2 and 5	Light – Physics Protection Shadow How light travels Links to Y6	Environmental Science How to look after the environment and what happens when we don't. Link to Y4 and 5

<p>Year 4</p>	<p>Animals Inc. humans – Biology Digestive system. Function of teeth Links to YR, 1, 2 3, 5 and 6.</p>	<p>Sound – Physics How sound is made and travels. Recognising patterns in sound. Civitas 322 -327 Links to R and Y1.</p>	<p>States of Matter – Chemistry Group solids, liquids or gases Water cycle, evaporation and condensation. Links to Y5</p>	<p>Electricity – Physics Series circuit Insulators and conductors Links with Y2 and 6</p>	<p>Living things & their habitats – Biology Food chains, identifying producers, predators and prey. Civitas 294 Links R, 1, 2, 5 and 6</p>	<p>Environmental Science Recycling Deforestation of rainforests Pollution Litter Link to Y5 and 3</p>
<p>Year 5</p>	<p>Materials – Chemistry Dissolving, evaporation, condensation. Solid, liquid and gases. Links to Y1, 2, 4</p>	<p>Materials – Chemistry Reversible and irreversible changes Burning/fire Links to R, Y4</p>	<p>Forces – Physics Air resistance, gravity, water resistance. Balanced and unbalanced forces. Links to Y3</p>	<p>Living things & their habitats – Biology Plants pollination Life cycles of different species groups. Changes as humans develop to old age. Links to YR, 1, 2 3, 4 and 6.</p>	<p>Earth & Space – Physics Describe the movement of the Earth, and other planet. Describe the Sun, Earth and Moon Links to Y1, 3 and 6 (3 and 6 light link)</p>	<p>Environmental Science Global warming Ecology Greenhouse gases Atmospheric science Link to Y3 and 4</p>
<p>Year 6</p>	<p>Human Body – Systems – Biology Identify, describe and name the main parts of the human circulatory system. Recognise the impact of diet, exercise, drugs and lifestyle Links to Y1, 3 and 4</p>	<p>Evolution – Biology Recognise that living things have changed over time. Links to Y5</p>	<p>Living things & their habitats – Biology Describe how living things are classified into broad groups Civitas 305 - 314 Links to R, 1, 2, 3, 4 and 5</p>	<p>Electricity – Physics Link to Y2 and 4</p>		<p>Light – Physics Recognise that light appears to travel in straight lines. Light travels from light sources to our eyes or from light sources to objects and then to our eyes. Shadows have the same shape as the objects Links to Y3</p>