

Year	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
EY1	Floating and sinking. Parent speaker visits. School maps, making boats . Family history and traditions. Jacques Cousteau 6.1, 6.2, 7.1	Cooking gingerbread men, ice investigation, dissolving, making houses from straw, sticks and brick . 6.2, 7.1, 7.2	Rocket role-play. Investigating materials. Making alien slime . Star navigation. Solar system. History of Space Travel and exploration. Constellation maps. 6.2, 6.3, 7.2	Extinction. Fossils. Dinosaur museum trip. Melting chocolate and making Dinosaur cookies . 6.2, 7.1	(POND UNIT) Lifecycles, Investigating the pond area. Making fruit kebabs. Braywick Nature Reserve Trip. Making bug sweeping nets . 6.2, 7.1	Habitats. Northern lights. Climates around the world. Cultures and customs. Making ice lollies . 6.1, 6.2, 7.1, 7.2
Year 1	Animals (Including Humans) 1.1, 1.2, 1.3, 1.4, 1.5, 1.6 3.1, 3.2, 3.3, 3.4	Light and Shade Technology - Make shadow puppets 1.1, 1.2, 1.3, 1.4, 1.5, 1.6 5.1, 5.2	Forces Technology - Build a catapult plane 1.1, 1.2, 1.3, 1.4, 1.5, 1.6	Green Plants 1.1, 1.2, 1.3, 1.4, 1.5, 1.6 2.1, 2.2	(POND UNIT) Animal life cycles 1.1, 1.2, 1.3, 1.4, 1.5, 1.6 3.1, 3.2, 3.3, 3.4	Materials Technology - Build the three little pig's house out of lolly sticks 1.1, 1.2, 1.3, 1.4, 1.5, 1.6 4.1, 4.2, 4.3, 4.4
Year 2	Materials Technology – making waterproof capes 1.1, 1.2, 1.3, 1.4, 1.5, 1.6 4.5, 4.6	Plants and Animals: Keeping a plant diary 1.1, 1.2, 1.3, 1.4, 1.5, 1.6 2.3, 2.4	(POND UNIT) Habitats: Designing own animal and habitat 1.1, 1.2, 1.3, 1.4, 1.5, 1.6 6.1, 6.2, 6.3, 6.4	Healthy Living: Making smoothies 1.1, 1.2, 1.3, 1.4, 1.5, 1.6 3.5, 3.6, 3.7	Life Processes (Ducks) 1.1, 1.2, 1.3, 1.4, 1.5, 1.6 3.5, 3.6, 3.7	Materials (squash, bend, twist, stretch) Paper bridges 1.1, 1.2, 1.3, 1.4, 1.5, 1.6 4.5, 4.6
Year 3	Animals (including humans) Food and Keeping healthy Tech - Making a skeleton out of cardboard / Make a stomach using a zip locked bag . 1.7, 1.8, 1.9, 1.10, 1.11, 1.12, 1.13, 1.14, 1.15 3.8, 3.9	Materials and their uses. 1.7, 1.8, 1.9, 1.10, 1.11, 1.12, 1.13, 1.14, 1.15	Forces and Magnets Tech – Making a Compass 1.7, 1.8, 1.9, 1.10, 1.11, 1.12, 1.13, 1.14, 1.15 9.1, 9.2, 9.3, 9.4, 9.5, 9.6	Rocks and soils 1.7, 1.8, 1.9, 1.10, 1.11, 1.12, 1.13, 1.14, 1.15 7.1, 7.2, 7.3	Light and shadows. Tech – Design and make a shadow puppetry theatre 1.7, 1.8, 1.9, 1.10, 1.11, 1.12, 1.13, 1.14, 1.15 8.1, 8.2, 8.3, 8.4, 8.5	(POND UNIT) Plants Tech – Grow beanstalks 1.7, 1.8, 1.9, 1.10, 1.11, 1.12, 1.13, 1.14, 1.15 2.5, 2.6, 2.7, 2.8
Year 4	(POND UNIT) Habitats (Giant panda) • Environmental impact of panda's habitat	States of Matter • Slime/egg and ooblick Building a Tudor House	Electricity • Circuits • Circuit symbols • Potato/lemon battery	Teeth and the digestive system • Tooth decay – egg investigation • Making poo	Sounds • Anatomy of the ear • Investigation in to sound proofing, linked to materials	Growth • Nutrition for different sportspeople e.g. ballerina opposed to an Olympic rower

	<ul style="list-style-type: none"> Effect of climate change and impact of man Lego panda habitat Building a habitat Planning and building a vehicle <p>1.7, 1.8, 1.9, 1.10, 1.11, 1.12, 1.13, 1.14, 1.15 6.5, 6.6, 6.7</p>	<ul style="list-style-type: none"> Hampton Court Palace trip Possible visit to Dorney to look at Manor House and houses locally <p>1.7, 1.8, 1.9, 1.10, 1.11, 1.12, 1.13, 1.14, 1.15 10.1, 10.2, 10.3</p>	<p>1.7, 1.8, 1.9, 1.10, 1.11, 1.12, 1.13, 1.14, 1.15 12.1, 12.2, 12.3, 12.4, 12.5</p>	<p>1.7, 1.8, 1.9, 1.10, 1.11, 1.12, 1.13, 1.14, 1.15 3.10, 3.11, 3.12</p>	<ul style="list-style-type: none"> Cultural music Designing and making a dish for Arts and Culture evening Cultural food Balanced meal <p>1.7, 1.8, 1.9, 1.10, 1.11, 1.12, 1.13, 1.14, 1.15 11.1, 11.2, 11.3, 11.4, 11.5</p>	<p>*link to English and a menu for a sportsperson</p> <ul style="list-style-type: none"> Looking at relation to height and distance of jumping Effect of sport on our body – heart rate, perspiration etc Textiles Design a team badge for 4D or 4L. Use fabrics, sequins, beads, buttons. Different stitches e.g. cross-stitch, blanket stitch, back stitch <p>1.7, 1.8, 1.9, 1.10, 1.11, 1.12, 1.13, 1.14, 1.15</p>
Year 5	<p>(POND UNIT) Living Things and their Habitats - The Art of Living Sgraffito Art and Design Workshop- Kew Gardens</p> <p>1.16, 1.17, 1.18, 1.19, 1.20, 1.21 6.8, 6.9</p>	<p>Earth and Space: The planets of the solar system, The sun Design Sundials</p> <p>1.16, 1.17, 1.18, 1.19, 1.20, 1.21 13.1, 13.2, 13.3, 13.4</p>	<p>Materials and their properties and changing states (Irreversible & reversible). Designing and making Volcanoes.</p> <p>1.16, 1.17, 1.18, 1.19, 1.20, 1.21 4.7, 4.8, 4.9, 4.10, 4.11, 4.12</p>	<p>Micro-Organism Technology: Making Bread</p> <p>1.16, 1.17, 1.18, 1.19, 1.20, 1.21</p>	<p>Types of Force. Design Boats for Boat challenge</p> <p>1.16, 1.17, 1.18, 1.19, 1.20, 1.21 9.7, 9.8, 9.9</p>	<p>Animals Including Humans - Life Explorers Making Parachutes and Planes</p> <p>1.16, 1.17, 1.18, 1.19, 1.20, 1.21 3.13</p>
Year 6	<p>(POND UNIT) Living Things and their habitats DT: Designing and making William Morris inspired wallpaper –visit to William Morris Society</p> <p>1.16, 1.17, 1.18, 1.19, 1.20, 1.21 6.8, 6.9</p>	<p>Human circulatory system and impact of exercise, drugs and diet</p> <p>1.16, 1.17, 1.18, 1.19, 1.20, 1.21 3.14, 3.15, 3.16</p>	<p>Electricity Using circuits to make games and activities https://www.bbc.com/bitesize/clips/z28b4wx</p> <p>1.16, 1.17, 1.18, 1.19, 1.20, 1.21 12.6, 12.7, 12.8</p>	<p>Light and Sight</p> <p>1.16, 1.17, 1.18, 1.19, 1.20, 1.21 8.6, 8.7, 8.8, 8.9</p>	<p>Light and Sight Design and make Greek inspired pottery</p> <p>1.16, 1.17, 1.18, 1.19, 1.20, 1.21 8.1, 8.2, 8.3, 8.4</p>	<p>Evolution, inheritance Reproduction</p> <p>1.16, 1.17, 1.18, 1.19, 1.20, 1.21 14.1, 14.2, 14.3</p>