

## DT Overview 2021 - 2022

Nursery	<ul style="list-style-type: none"> <li>• Make imaginative and complex ‘small worlds’ with blocks and construction kits, such as a city with different buildings and a park.</li> <li>• Explore different materials freely, to develop their ideas about how to use them and what to make.</li> <li>• Develop their own ideas and then decide which materials to use to express them.</li> <li>• Join different materials and explore different textures.</li> </ul>		
Reception	<ul style="list-style-type: none"> <li>• Explore, use and refine a variety of artistic effects to express their ideas and feelings.</li> <li>• Return to and build on their previous learning, refining ideas and developing their ability to represent them.</li> <li>• Create collaboratively, sharing ideas, resources and skills.</li> <li>• Evaluate their own and others products saying what is good about them.</li> </ul>		
Year 1	<p><b>Mechanisms – Sliders and Levers</b>                      Moving pictures – Plan Bee                      Links – Science animals including humans</p>	<p><b>Food technology - Fruit salad</b>                      Seasonality – Plan Bee                      Links - History of shopping topic.</p>	<p><b>Textiles - Puppets</b> – Plan Bee                      Links - History topic on the Monarchy or characters from current text in English.</p>
Year 2	<p><b>Mechanisms - Wheels and axels</b>                      Making Fire Engines – Plan Bee                      Links - history topic GF of London</p>	<p><b>Structures – Free standing photo frame</b>                      Photograph frames – Plan Bee                      Links – Geography – photographs of hot or cold climates</p>	<p><b>Food technology – Picnic food</b>                      Teddy bear’s picnic – Plan Bee                      Links – Geography – Life by the sea, taking a picnic to the beach</p>
Year 3	<p><b>Structures – A box for a Christmas present</b> Packaging – Plan Bee                      Links – Maths – focus on nets</p>	<p><b>Food Technology – Mediterranean Pizza</b>                      Perfect pizzas – Plan Bee unit –                      Links - Geog - Mediterranean topic</p>	<p><b>Textiles – Make a pencil case</b>                      Making a pencil case - Plan Bee</p>
Year 4	<p><b>Mechanisms – Levers and linkages</b>                      Make a Christmas card with moving parts</p>	<p><b>Electrical circuits / Structures -</b>                      Electrical light box                      ‘Light up signs’ - Plan bee                      Links – Science - electricity</p>	<p><b>Food Technology – Making scouse</b>                      Seasonal Food – Plan Bee                      Links - History of Liverpool topic</p>
Year 5	<p><b>CAD – Design and make a dice for an ancient Greek board game.</b>                      Links – History – Ancient Greeks</p>	<p><b>Mechanisms – Levers, gears and pulleys</b>                      Design and make a catapult to use in an Anglo-Saxon siege on a castle.                      Links - History topic – Anglo-Saxons.</p>	<p><b>Food technology – Making Burgers</b>                      Burgers – Plan Bee                      Links - Geog topic – Climate change                      Sustainability - Plant based foods – Vegan alternatives to familiar dishes</p>

Year 6	<b>Food Technology – Chocolate Bars</b> Design you own chocolate bar – name it, make a wrapper / box. Links - topic – Mayan’s – cacao origins	<b>Textiles – Make a cushion</b> Funky Furnishings – Plan Bee Links – History topic WW2 - Make do and mend – up-cycling items	<b>CAD – Design and make an alarm system</b> with casing. Alarms – Plan Bee Links – Science - Electricity
--------	--	--	---