

DT overview 23-24

Year Group	Autumn	Spring	Summer
EYFS- These opportunities happen both inside and outside learning throughout the year.	<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, in order 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>• Create closed shapes with continuous lines, and begin to use these shapes to represent objects</li> </ul> <p>Explore, use and refine a variety of artistic effects to express their ideas and feelings.</p> <ul style="list-style-type: none"> <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> </ul> <p>Creating with Material-</p> <ul style="list-style-type: none"> <li>• Safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function.</li> <li>• Share their creations, explaining the process they have used.</li> </ul>		
Year 1	<p>Strengthening materials Science Link Projects on a Page Focus- freestanding Structures- playgrounds</p> <p>Charles Wicksteed</p>	<p>Cooking and Nutrition- Its breakfast time! What makes a healthy breakfast? Focus on preparing soft fruit Porridge/overnight oats and yoghurt.</p> <p>Mary Berry</p>	<p>Lever and linkages Moving Pictures Projects on a Page - Mechanisms Sliders and Levers</p> <p>Rob Campbell- pop up books. Dear zoo</p>
Year 2	<p>Cooking and Nutrition- Its Party Time! How can we make a healthy party snack? Preparing fruit and vegetables and making spring rolls /cheese straws.</p> <p>Eatwell Guide/Food for Life</p>	<p>Transporting a toy, note or object around the classroom Projects on a Page -Mechanisms Wheels and Axles</p> <p>Henry Food</p>	<p>Textiles – Joining Projects on a page – Templates and joining</p> <p>Walter Wilkinson Puppeteer Local -Mackinnion and Saunders</p>
Year 3	<p>Levers and linkages Projects on a Page Mechanisms</p> <p>Various Designs</p>	<p>Frames and Structures Construct 3d shapes Maths Link-nets Projects on a Page 2d shape to 3d product using CAD- Purple Mash -create an Easter egg box</p> <p>Apple products</p>	<p>Cooking and Nutrition- Its time for a treat! Making/Designing afternoon tea scones-savoury and sweet.</p> <p>Prue Leith</p>
Year 4	<p>Electrical system Circuits and Switches – Lanterns project on a page</p>	<p>Textiles –2D shape to 3D shape Pencil case projects on a page</p>	<p>Cooking and Nutrition- A Lovely Lunch! Pizza and salad.</p>

	Caroline Haslett-engineer	Patrick Grant/Tom Daley	Jamie Oliver/Gino D'Acampo
Year 5	<p>Mechanical Systems Science Link Projects on a Page Mechanical Systems Pulleys or Gears Fairgrounds</p> <p>William Kamkwamba -inventor</p>	<p>Cooking and Nutrition -Dinner is served! Soup and Bread</p> <p>Nadia Hussain/Paul Hollywood</p>	<p>Frames and Structures – Project on the page- shelter design using Tinker Cad</p> <p>Ian Simpson</p>
Year 6	<p>Cooking and Nutrition Take Away Time! Creating street food on a South American theme.</p> <p>Research own products.</p>	<p>Crumble alarm project Electrical systems: Monitoring and control (DT)</p> <p>Kenneth Shinozuka</p>	<p>Textiles-Combining different fabric shapes. Inc computer aided design. Carrier-eg. Tablet or mobile phone.</p> <p>Dame Vivienne Westwood</p>