

## DT CURRICULUM

### Design, make, evaluate, technical knowledge, cooking and nutrition

THEME	FARMING	THE AMERICAS	FANTASY
Term	Autumn 2021	Spring 2022	Summer 2022
Y1 & 2 B2	<p><b>Cooking Nutrition:</b> Making bread using locally sourced flour. understand seasonality and the principles of a healthy diet.</p> <p><b>Evaluate:</b> Evaluate final product of bread.</p>	<p><b>Design:</b> Design a functional bridge and communicate ideas through discussion and drawing.</p> <p><b>Make:</b> A bridge considering cutting and joining.</p> <p><b>Evaluate:</b> Own bridge, considering design criteria</p> <p><b>Technical Knowledge :</b> Exploring how structures can be made stronger.</p>	<p><b>Design:</b></p> <p><b>Make:</b></p> <p><b>Evaluate:</b></p> <p><b>Technical Knowledge :</b></p> <p><b>Cooking Nutrition:</b></p>
Y2 &3 B3	<p><b>Cooking Nutrition:</b> Make butter- understand seasonality and the principles of a healthy diet.</p> <p><b>Evaluate:</b> Evaluate final product of butter.</p>	<p><b>Design:</b> Sketch and label</p> <p><b>Make:</b> Pneumatic volcanoes – 3D models</p> <p><b>Technical Knowledge :</b> Pneumatic systems</p>	<p><b>Design:</b> A purposeful and functional product and create templates</p> <p><b>Make:</b> Textile bags</p> <p><b>Evaluate:</b> A range of bags and compare with their final product.</p> <p><b>Technical Knowledge :</b> Sewing and stitches</p>
Y4&5 B4	<p><b>Design:</b></p> <p><b>Make:</b></p> <p><b>Evaluate:</b></p> <p><b>Technical Knowledge :</b></p> <p><b>Cooking Nutrition:</b></p>	<p><b>Cooking &amp; Nutrition:</b> Celebrating culture and seasonality – make and evaluate Brigadeiros (Brazilian chocolate truffle).</p> <p><b>Evaluate:</b> Sensory evaluation against design criteria and suggest improvements.</p>	<p><b>Design:</b> Create annotated sketches</p> <p><b>Make:</b> A product which includes an electrical circuit.</p> <p><b>Evaluate:</b></p> <p><b>Technical Knowledge :</b> Understand and use electrical systems in made products.</p>
Y5 & 6 B5	<p><b>Design:</b> Exploded diagrams</p> <p><b>Make:</b> A prototype mattress from range of recycled materials</p> <p><b>Evaluate:</b> Test to evaluate against design criteria</p> <p><b>Cooking &amp; Nutrition:</b> Grow, prepare and cook meal with Reaseheath College</p>	<p><b>Cooking &amp; Nutrition:</b> Grow own produce from seed, prepare and cook meal (using grown produce) learning how to present this at a high standard with Reaseheath College and Michelin Starred chef Simon Radley.</p>	<p><b>Design:</b> Use research and annotated sketches</p> <p><b>Make:</b> Boats</p> <p><b>Evaluate:</b> Test to evaluate against design criteria</p> <p><b>Technical Knowledge :</b> Understand and use mechanical systems</p>