



Design Technology at St. Peter's Church of England Junior School

	Autumn	Spring	Summer
Year 3	<p>Cooking and Nutrition: Healthy and varied diet</p> <p>Bread: Research, make and evaluate two recipes for bread (product) for school children (user) to enjoy for a lunchtime picnic/school trip.</p>	<p>Mechanical Systems: Levers and Linkages</p> <p>Design, make and evaluate a moving picture story book (product) for a museum (user) to tell the story of key events in Roman history (purpose).</p>	<p>Textiles: 2-D shape to 3-D product</p> <p>Design, make and evaluate a money container (product) for a traveller (user) to take on holiday to France (purpose).</p>
Year 4	<p>Electrical Systems: Simple Circuits and switches</p> <p>Design, make and evaluate a torch (product) for an artic explorer (user) to use during an expedition to light their way (purpose).</p>	<p>Structures: Shell Structures</p> <p>Design, make and evaluate packaging (product) for a Viking item (user) to be used to protect, display and promote an item to be sold in the Jorvik Viking Centre (purpose).</p>	<p>Cooking and Nutrition: Healthy and varied diet</p> <p>Fish Pie: Research, make and evaluate a fish pie (product) for passengers (user) to enjoy on board a cruise (purpose).</p>
Year 5	<p>Structures: Frames</p> <p>Design, make and evaluate a frame for a wind turbine (product) for an African country (user) to produce electricity (purpose).</p>	<p>Mechanical Systems: Pulleys</p> <p>Design, make and evaluate a portable draw-bridge (product) for two communities (user) to be connected (purpose).</p>	<p>Cooking and Nutrition: Culture and seasonality</p> <p>Ful medames and flat bread: Research, make and evaluate a savoury dish (product) authentic to a family in the Middle East (user) for a special breakfast (purpose).</p>
Year 6	<p>Electrical Systems: Complex switches and circuits</p> <p>Design, make and evaluate a motorised framework (product) that can lead tourists (user) on a tour guide of ancient Mayan ruins (purpose).</p>	<p>Textiles: Combining different fabric shapes</p> <p>Design, make and evaluate an animal puppet with a moving mouth (product) for a pupil (user) to perform a puppet show (purpose).</p>	<p>Cooking and Nutrition: Culture and seasonality</p> <p>Greek cheesecake: Research, make and evaluate a savoury dish (product) authentic to a family in Greece (user) for a celebration meal (purpose).</p>