

*Sacred Heart Catholic Primary  
School and Nursery*



**Design and Technology  
Curriculum Map**

**2020/2021**

	<b>Autumn</b>		<b>Spring</b>		<b>Summer</b>	
<b>Nursery</b>	<ul style="list-style-type: none"> <li>• Paper plate masks</li> <li>• Using tools safely</li> </ul>		<ul style="list-style-type: none"> <li>• Using tools for a purpose</li> <li>• Building enclosures for a purpose</li> <li>• Build structures/models in collaboration with peers</li> <li>• Adapt work</li> </ul>		<ul style="list-style-type: none"> <li>• Talk about how things change</li> <li>• Repeating patterns</li> </ul>	
<b>Reception</b>	<ul style="list-style-type: none"> <li>• Uses simple tools and techniques competently and appropriately.</li> <li>• Selects appropriate resources and adapts work where necessary.</li> </ul>		<ul style="list-style-type: none"> <li>• They safely use and explore a variety of materials,</li> <li>• They represent their own ideas, thoughts and feelings through design and technology, art, music, dance, role- play and stories.</li> </ul>		<ul style="list-style-type: none"> <li>• They safely use and explore a variety of materials,</li> <li>• They represent their own ideas, thoughts and feelings through design and technology, art, music, dance, role- play and stories.</li> </ul>	
<b>Year 1</b>		<b>FREE STANDING STRUCTURES</b> Design & make e.g. a bug home, playground structure, a chair for a character		<b>SLIDES and LEVERS: EASTER CARD</b> Design, make, evaluate Easter cards with moving parts Research books using similar e.g. Maisy Mouse	<b>FOOD &amp; NUTRITION PREPARING FRUIT &amp; VEG FRUIT BASED –</b> inc those found in different continents and link to science and G	
<b>Year 2</b>	<b>FOOD &amp; NUTRITION</b> Dishes using UK fruit and/or veg e.g. salad veg used			<b>TEXTILES – templates and joining 2 pieces</b> Bookmark - 2 pieces joined with stitched decoration	<b>WHEELS &amp; AXLES</b> Design & make car/toy /vehicle with wheels	

	to make a healthy salad Veg based e.g. Rainbow Couscous				<b>FAMOUS DESIGNER: Sir Alec Issigonis</b> <b>FAMOUS TOY MAKER: Hornby/ Matchbox manufacturer</b> <b>MATTEL inc</b>	
<b>Year 3</b>		<b>MECHANICAL SYSTEMS: LEVERS &amp; LINKAGES</b> Eg poster/ information book connected to science	<b>TEXTILES: 2D shape to 3D product</b> Make juggling balls for 'Leon and the Space Between,		<b>FOOD &amp; NUTRITION: HEALTHY &amp; VARIED DIET</b> Mediterranean salad using cheese/egg/fish Or Mini frittatas	
<b>Year 4</b>	<b>FOOD</b> Sandwiches – different kinds of sandwich for a packed or school lunch: wrap, bread, pitta. School kitchen could set up as a competition/ challenge. Exploded diagrams		<b>ELECTRICAL SYSTEMS</b> Design & make nightlight/reading lamp reflecting own hobby/user's interests. Link to science and D&T Market research Exploded diagrams	<b>EXTRA FOOD:</b> Hong Kong. Short unit.		<b>SHELL STRUCTURES</b> design & make a sound box Applying science from SU 1

<p><b>Year 5</b></p>		<p><b>FRAME STRUCTURES</b>          Geography – creating bird homes and bird feeders – to enhance school environment</p>	<p><b>FOOD &amp; NUTRITION CELEBRATING CULTURE &amp; SEASONALITY</b>          Halloumi kebabs          [Short Unit]</p>	<p><b>ART: 3D PLACTICS SCULPTURE</b></p>	<p><b>CAD and textiles</b>          Combining different material shapes using CAD          Mobile phone cover – Mayan design</p>	
<p><b>Year 6</b></p>	<p><b>ELECTRICAL SYSTEMS &amp; MECHANICAL SYSTEMS</b>          e.g. fairground ride, board game, controllable toy vehicle, window display with moving part</p>			<p><b>FOOD &amp; NUTRITION CELEBRATING CULTURE &amp; SEASONALITY</b>          Food from distant places          e.g. tandoori chicken kebabs</p>		<p><b>Fashions and designers over time in tops: making recycled clothes and fashion show</b>          Designers over time in the field of fashion: e.g. Westwood          Design and make a clothing product by recycle materials</p>