



# Technology



Archdiocese of Liverpool

## Curriculum intent:

Design and Technology at St Gregory's is an inspiring, rigorous and practical subject. Pupils use creativity and imagination to design and manufacture products and prototypes that solve real and relevant problems that consider social, moral and cultural values. Drawing on disciplines such as Mathematics, Science, Computing and Art, pupils learn how to become resourceful, innovative, enterprising and capable citizens. High quality Design and Technology education makes an essential contribution to the creativity, culture, health and well-being of the nation.

Classes in Year 7, 8 and 9 are part of a 'carousel' system so will move to a different area of the subject three times each year.

## Year 7

	Content	Concepts and Skills
TERM 1	<p><b>DT:</b> Money Box project</p> <p><b>Engineering:</b> CAD</p> <p><b>Graphics:</b> Charity Box</p> <p><b>Food:</b> Hygiene and Nutrition</p>	<p>Work of existing Artists</p> <p>Materials (timber &amp; manufactured boards)</p> <p>Production techniques (CAM)</p> <p>2D-Design &amp; Google Sketch-up</p> <p>Net design</p> <p>Basic knife skills</p> <p>Creaming, rubbing in &amp; all in one method</p> <p>Weighing &amp; measuring</p> <p>Safe handling of high risk foods.</p>
TERM 2	<p><b>DT:</b> Money Box project</p> <p><b>Engineering:</b> CAD</p> <p><b>Graphics:</b> Charity Box</p> <p><b>Food:</b> Hygiene and Nutrition</p>	<p>Work of existing Artists</p> <p>Materials (timber &amp; manufactured boards)</p> <p>Production techniques (CAM)</p> <p>2D-Design &amp; Google Sketch-up</p> <p>Net design</p> <p>Basic knife skills</p> <p>Creaming, rubbing in &amp; all in one method</p> <p>Weighing &amp; measuring</p> <p>Safe handling of high risk foods.</p>
TERM 3	<p><b>DT:</b> Money Box project</p> <p><b>Engineering:</b> CAD</p> <p><b>Graphics:</b> Charity Box</p> <p><b>Food:</b> Hygiene and Nutrition</p>	<p>Work of existing Artists</p> <p>Materials (timber &amp; manufactured boards)</p> <p>Production techniques (CAM)</p> <p>2D-Design &amp; Google Sketch-up</p> <p>Net design</p> <p>Basic knife skills</p> <p>Creaming, rubbing in &amp; all in one method</p> <p>Weighing &amp; measuring</p> <p>Safe handling of high risk foods.</p>

