



Unlocking potential in all, empowering a community of hope. As an inclusive Christian community, we work towards unlocking the potential in all and empowering a community of hope. We seek to achieve this by providing a safe, inspiring and creative learning environment where all can flourish. Our successes are built on the foundation of our shared values and our consistently high expectations. Through challenge and support, we strive for excellence in all we do.

### St Peter at Gowts Design and Technology Curriculum

	Autumn Term	Spring Term	Summer Term
<u>EYFS</u>	Please see St Peter's EYFS Curriculum See DT skill progression chart to provide information relevant to the children's age and stage in their development. Classroom provision should allow for children to practise these skills and techniques on a regular basis and children should be exposed to a range of different products to explore.		
<u>Year 1</u>	DT: Structures- Freestanding structures Possible projects: Furniture/ props for story characters (e.g. three bears/billy goats bridge), playground/park/garden furniture	DT: Mechanisms- Wheels and axles Possible projects: Shopping trolley, push/pull toys, clown car	DT: Food- Preparing fruit and vegetables Possible projects: fruit kebabs/ fruit smoothies/ fruit salads Possible enrichment:
<u>Year 2</u>	DT: Mechanisms- Sliders and levers Possible projects: Class storybook/ greeting card/ information book Possible enrichment: Library visit to explore slider and lever books	DT: Food- Preparing fruit and vegetables Possible projects: Vegetable kebabs, soup, vegetable salad	DT: Textiles- Templates and joining techniques Possible projects: Glove puppet, simple bag, clothes for teddy, fabric placement
<u>Year 3</u>	DT: Food- Healthy and varied diet Possible projects: Healthy sandwich Possible enrichment: Visit to Curits/Subway to complete a sandwich survey for fillings	DT: Structures- Shell structures (using computer aided design) Possible projects: gift boxes, money boxes	DT: Textiles- 2D shape to 3D product Possible projects:mpencil case, PE/shoe/beach bag
<u>Year 4</u>	DT: Mechanical systems- Levers and Linkages Possible projects: Story book, class information book, story board	DT: Food- Healthy and varied diet Possible projects: Rolls/ wraps/ toasties	DT: Electrical systems- Simple circuits and switches Possible projects: Nightlight, illuminated sign
<u>Year 5</u>	DT: Food- Celebrating culture and seasonality Possible projects: Bread Possible enrichment: Visiting local shops that sell bread from around the world	DT: Mechanical systems- Cams Possible projects: Display with moving parts e.g. lifting or rotating images	DT: Textiles- Using computer aided design in textiles Possible projects: Mobile phone case, purse, shopping bag
<u>Year 6</u>	DT: Structures- Frame structures Possible projects: Shelter, tent, bird hide	DT: Electrical systems- More complex switches Possible projects: Security lighting system, vehicle alarm, alarm for a valuable artefact	DT: Food- Celebrating culture and seasonality Possible projects: Pizza