

HOLY TRINITY CATHOLIC SCHOOL

DESIGN TECHNOLOGY LONG TERM PLAN OVERVIEW



	Autumn	Spring	Summer
Reception	<p>Make use of props and materials when role-playing characters in narratives and stories.</p> <p>Safely use and explore a variety of materials, tools and techniques with colour, design, texture, form, and function. Share their creations, explaining the processes they have used.</p>	<p>Safely use and explore a variety of materials, tools and techniques with colour, design, texture, form, and function. Share their creations, explaining the processes they have used.</p> <p>Make use of props and materials when roleplaying characters in narratives and stories. Invent, adapt and recount narratives and stories with peers and their teachers.</p>	<p>Make use of props and materials when roleplaying characters in narratives and stories.</p> <p>Make use of props and materials when role-playing characters in narratives and stories. Invent, adapt and recount narratives and stories with peers and their teachers.</p>
Year 1	Holidays	Space	Africa/ Minibeasts
	<p>Aspect: Textiles Focus: Templates and joining techniques Outcome: Design and make a hand or finger puppet</p>	<p>Aspect: Mechanism Focus: Sliders and simple levers Outcome: Design and make a moving picture for a book or card</p>	<p>Aspect: Structures Focus: Freestanding structures Outcome: Design and make a mini-beast home</p>
Year 2	The Great Fire of London	Our Local History of Chipping Norton	One World/ History of Flight
	<p>Aspect: Structures Focus: Shell structures Outcome: Design and make a model Tudor building</p>	<p>Aspect: Food and nutrition Focus: Preparing fruit and vegetables Outcome: Design and make a healthy snack</p>	<p>Aspect: Mechanisms Focus: Wheels and axles Outcome: Make an explorer's buggy</p>
Year 3	Stone Age	Mighty Mountains/ Extreme Earth	Egyptians
	<p>Aspect: Structures Focus: Shell structures Outcome: Design and make shell structure homes linked to the Stone Age topic</p>	<p>Aspect: Mechanisms Focus: Levers and Linkages Outcome: Moving pictures linked to topic of Literacy text</p>	<p>Aspect: Textiles Focus: 2D shape to 3D product Outcome: Design and make a bag</p>
	Anglo Saxons and Vikings	Ancient Greece	Rainforests

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Year 4	Aspect: Electrical Systems Focus: Simple circuits and switches Outcome: Design and make a product that lights up or makes a noise	Aspect: Food and nutrition Focus: Healthy and varied diet Outcome: Create a bread-based food product linked to their topic	Aspect: Mechanisms Focus: Pneumatics Outcome: Design and make a moving rainforest animal for younger children as a toy
	The Legacy of The Maya Aspect: Food and nutrition Focus: Celebrating culture and seasonality Outcome: Create meals linked to class topic	From Absolute Monarchy to Absolute Democracy Aspect: Mechanisms Focus: CAMS Outcome: Design and make a moving model linked to topic or Literacy text	Rivers Aspect: Multi-aspect project Focus: Frame structures, axles and wheels and simple electronic systems Outcome: Design and make a moving model of transport for tourism purposes using an electric circuit
Year 5	World War II Aspect: Textiles Focus: Combining different fabric shapes Outcome: Recycling - Make do and mend project	Romans Aspect: Multi-aspect project Focus: Free standing structure and leavers Outcome: Design and make catapults	History of Exploration Aspect: Mechanisms Focus: Pulleys and Gears Outcome: Solve a given challenge using pulleys and gears
	Year 6		