



Faithful. Ambitious. Empowered.
DESIGN TECHNOLOGY OVERVIEW

	Theme 1	Theme 2	Theme 3	Theme 4
Year 1	Monarchs: Is it right to inherit power? (Nutrition) Purpose: Tea party for special	Toys: Do humans need to play? (Mechanisms- Sliders and Levers) Purpose: Human innovation	Oceans: The snail and the whale: Where do plastics go? (Structures - Freestanding Structures) Purpose: Recycle bins	
Year 2	Fire! Can good ever come from disasters? ? (Mechanisms- Wheels and Axles) Purpose: Moving water from source to fire	Explores: Why do humans need to explore? (Nutrition- Preparing Fruit and Vegetables of explores) Purpose: Healthy diet		The impact of tourism on beaches: How can we keep our beaches clean? (Textiles- Templates and Joining Techniques) Purpose: Environmentally friendly gifts
Year 3	Stone age to Iron Age: How did children move from surviving to thriving? (Shell Structures) Purpose: Human Survival	Ancient Egyptians: How and why do civilisations rise and fall. (Mechanical Systems - Pulleys & Gears - shaduf) Purpose: How to transport water		Microplastics: From river to sea: Will innovation be humankind's saviour? (Textiles- 2D to 3D shapes - reclaimed plastics) Purpose: The removal of fast fashion
Year 4	Ancient Greece: Minoan, Mycenaean, Athenian: How did human beings move from story to history. (Nutrition- Healthy and Varied Diet) Purpose: How live off a healthy diet	Romans (43, 60, 79, 209, 41AD): Did the Romans make Britain more civilised? (Structures- Shell Structures using CAD - Protecting artefacts) Purpose: Protecting Artefacts	The Ganges - from source to mouth: Rivers: Friend or Foe (Frame structures - Stilt houses) Purpose: Protecting homes from floods	
Year 5/6		Mayans: Will we ever be an ancient civilisation? (Nutrition - Celebrating culture and seasonality) Purpose: How to live off the land	The Amazon: Lungs of the land. (Ecological structures) Purpose: To stop coastline erosion	Burbo Banks - Harnessing the wind Electrical Systems - programming, monitoring and control Purpose: Fighting climate change
B Year 6	WW2: Is war ever justified and is there an alternative to war? (Mechanisms - Levers and linkages) Purpose: To use interactivity to capture an audience	Early Islamic civilisation: What impact did Islam have on the world? (Nutrition- Celebrating Culture) Purpose: To remove cultural barriers	From the Mississippi to the Mersey: How can a river tell us the story of Humankind? (Electrical systems - More complex switches and circuits) Purpose: Saving lives through warning signals	

To grow in knowledge, love and walk in the footsteps of Jesus.