



Design & Technology Long Term Plan

Class 1 (Reception/ Year 1)

	Autumn	Spring	Summer
Year A	<p style="text-align: center;"><u>Textiles</u></p> <p>Product: Match box teddy</p> <p>User: Family member</p> <p>Purpose: Christmas gift</p> <p>Inspire Text: Jolly Christmas postman</p>	<p style="text-align: center;"><u>Food and Nutrition</u></p> <p>Product: Smoothie</p> <p>User: Innocent Smoothies</p> <p>Purpose: New Smoothie flavour and packaging</p> <p>Inspire Text: Oliver's Fruit Salad</p>	<p style="text-align: center;"><u>Mechanical systems</u></p> <p>Product: Storybook page with lever and slider</p> <p>User: Child</p> <p>Purpose: Celebration of the Jubilee (2022)</p> <p>Inspire Text: Queen's Hat (2022)</p>
Year B	<p style="text-align: center;"><u>Textiles</u></p> <p>Product: Tie dye stocking</p> <p>User: Santa</p> <p>Purpose: Christmas Decoration</p> <p>Inspire Text: Twas the night before Christmas</p>	<p style="text-align: center;"><u>Structures</u></p> <p style="text-align: center;"><i>Joining materials and axels</i></p> <p>Product: Windmill</p> <p>User: Mouse</p> <p>Purpose: New House</p> <p>Inspire Text: Mouse in a windmill song</p>	<p style="text-align: center;"><u>Food and Nutrition</u></p> <p style="text-align: center;"><i>Where does food come from</i></p> <p>Product: Salad Bar with lots of different local supplies</p> <p>User: Children</p> <p>Purpose: Cut, chop, research and prepare</p> <p>Inspire Text: Errol's Garden</p>

Class 2 (Year 2/3)

	Autumn	Spring	Summer
Year A	<p style="text-align: center;"><u>Textiles</u></p> <p>Product: Purse</p> <p>User: Queen Cleopatra</p>	<p style="text-align: center;"><u>Food and Nutrition - Edible Garden</u></p> <p>Product: Food from the garden</p> <p>(Accurately measuring ingredients and</p>	<p style="text-align: center;"><u>Mechanical Systems</u></p> <p style="text-align: center;"><i>Levers, wheels and axels</i></p> <p>Product: Moving Vehicle</p>



	<p>Purpose: Hold coins/jewels</p> <p>Inspire Text: Cleopatra (National Geographic Kids)</p> <p>Possible Link: History (Egypt)</p>	<p>following recipes)</p> <p>User: Class</p> <p>Purpose: To sample, grow and produce an edible garden</p> <p>Inspire Text: Last Garden</p>	<p>User: Firemen</p> <p>Purpose: Great fire of London transport</p> <p>Inspire Text: Great Fire of London: Anniversary Edition</p>
Year B	<p>Electrical Systems</p> <p>Product: Light up boxes (Christmas Themed)</p> <p>User: Church</p> <p>Purpose: Decoration for Christmas service</p> <p>Inspire Text: Christmas Story</p>	<p>CAD</p> <p>Product: To make a chocolate box with a patterned design (CAD)</p> <p>User: Willy Wonka</p> <p>Purpose: Packaging for his newest invention</p> <p>Inspire Text: Charlie and the Chocolate Factory</p>	<p>Structures</p> <p>Product: New Castle for Henry VII</p> <p>User: Henry VIII</p> <p>Purpose: Stable castle built in York</p> <p>Inspire Text: See Inside Castles</p>

Class 3 (Year 4, 5 and 6)

	Autumn	Spring	Summer
Year A	<p>Structures</p> <p><i>Cutting, shaping, joining, finishing</i></p> <p>Product: Anderson Shelters</p> <p>User: Mini Museum exhibition</p> <p>Purpose: Display piece</p> <p>Inspire Text: Letters from a lighthouse/Bombs and Blackberries</p>	<p>Electrical Systems</p> <p><i>CAD and series circuits</i></p> <p>Product: Light up buzzer game with electrical controls (CAD)</p> <p>User: School children</p> <p>Purpose: To make an interactive game for younger children</p>	<p>Food and Nutrition</p> <p>Product: Healthy meal made with local supplies</p> <p>User: Summer event</p> <p>Purpose: To cook a menu using a seasonal calendar</p> <p>Inspire Text: Hugh Fearnley Whittingstall—</p>



	Playscript (Chivers family)	Inspire Text:	Fruit Everyday
Year B	<p style="text-align: center;"><u>Textiles</u></p> <p>Product: Recycled Shopping bag</p> <p>User: Eco Christmas Campaign</p> <p>Purpose: To sell in supermarkets to encourage recycling at Christmas time</p> <p>Inspire Text: One Plastic Bag: Isatou Ceesay and the Recycling Women of Gambia</p>	<p style="text-align: center;"><u>Mechanical systems</u></p> <p style="text-align: center;"><i>Levers, cams, wheels and axels</i></p> <p>Product: A moving window display</p> <p>User: White rose book shop/library</p> <p>Purpose: Display for children's books to promote reading</p> <p>Inspire Text: Choice of the library/white rose book shop</p>	<p style="text-align: center;"><u>Structures</u></p> <p style="text-align: center;"><i>Cutting, shaping, joining and finishing</i></p> <p>Product: Miniature Greenhouses</p> <p>User: RHS</p> <p>Purpose: To replace current greenhouses in some of their properties</p> <p>Inspire Text: Secret Garden</p> <p>Science link: Plants</p>
Year C	<p style="text-align: center;"><u>Electrical Systems</u></p> <p style="text-align: center;"><i>Switches and Motors</i></p> <p>Product: Fairground ride</p> <p>User: Seaside Resort</p> <p>Purpose: Produce a model of a moving fairground ride</p> <p>Inspire Text: The Rollercoaster Boy</p> <p>Science Link: Forces</p>	<p style="text-align: center;"><u>Mechanical Systems</u></p> <p style="text-align: center;"><i>Pulleys, wheels and gears</i></p> <p>Product: Space buggy</p> <p>User: NASA</p> <p>Purpose: To explore a planet</p> <p>Inspire Text: Curiosity: The story of the Mars Space Rover</p> <p>Science Link: Space</p>	<p style="text-align: center;"><u>Food and Nutrition</u></p> <p>Product: Olympic Meal</p> <p>User: Olympic Parks staff</p> <p>Purpose: To plan, budget and produce a meal for an Olympics Opening Ceremony Dinner</p> <p>Inspire Text: The story of the Olympics</p> <p>History Link: Olympics</p>