



St Barnabas

Church of England Primary Academy

A member of **CTDARI**

**'That they shall have life, life
in all its fullness!'** John 10:10

**'Achieving great things through
learning and growing together in a
love-filled Christian family'**

Design and Technology Curriculum Map 2025-26

Year	Autumn	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
EYFS	<p>Expressive Arts and Design</p> <p>ELG: Creating with Materials</p> <ul style="list-style-type: none"> Safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function <ul style="list-style-type: none"> Share their creations, explaining the process they have used Use props and materials when role-playing characters in narratives and stories. <p>Physical Development</p> <p>ELG Fine motor skills:</p> <ul style="list-style-type: none"> Use a range of small tools, including scissors, paint brushes and cutlery <ul style="list-style-type: none"> Begin to show accuracy and care when drawing. 					

	Cultural Capital: <ul style="list-style-type: none"> • Visit a local art gallery or exhibition. • Host a “Design and Make” morning with families to share different cultural crafts. • Explore traditional crafts from different cultures (e.g. African printing, Chinese paper cutting). 					
1		<u>Mechanism and Mechanical System:</u> <u>Christmas Project</u> Making a moving story book		<u>Cooking and Nutrition</u> Fruit and vegetables Making Smoothies		<u>Structure</u> Wacky Windmills
	Cultural Capital	<ul style="list-style-type: none"> • Visit a local library to explore pop-up or moving books. • Watch a behind-the-scenes video of how animation or picture books are created. 		<ul style="list-style-type: none"> • Explore fruits from around the world (e.g. mangoes from India, bananas from the Caribbean). 		<ul style="list-style-type: none"> • Explore local windmills or virtual tours of famous ones
2		<u>Textiles</u> Finger Puppet (Planbee) Theme -Christmas		<u>Cooking and Nutrition</u> Designing and making a wrap/ Fruit kebab?	r	<u>Structure</u> Baby Bear's chair

	Cultural Capital	<ul style="list-style-type: none">Watch a puppet show or invite a puppeteer to school.		<ul style="list-style-type: none">Create a class recipe book with dishes from families' heritages.		<ul style="list-style-type: none">Visiting a Carpenter/Furniture Maker: Arrange a visit to a local carpenter's workshop or a furniture store to see different types of chairs and how they are made.
3		<u>Textiles-</u> Christmas-themed pouches		<u>Cooking and Nutrition</u> Eating seasonally-making tarts		<u>Structures:</u> Constructing a castle
	Cultural Capital	<ul style="list-style-type: none">Invite family members to share Christmas traditions and handmade decorations		<ul style="list-style-type: none">Visit a farmers' market to explore locally grown produce.Discuss seasonal dishes from different cultures and create a seasonal recipe book.		<ul style="list-style-type: none">Visit a local castle or virtual tour of world castlesExplore how castles were built and lived across different cultures.
4		<u>Textiles-</u> Christmas Stockings(Planbee)		<u>Electrical System-</u> Torches- Make and evaluate a torch	<u>Cooking and Nutrition</u> Adapting a recipe- -Biscuit bake off	

	Cultural Capital	<ul style="list-style-type: none">Look into the origins of the Christmas stocking tradition.		<ul style="list-style-type: none">Explore real-world applications like emergency services or camping gear.Link to sustainability and different countries' access to electricity.		<ul style="list-style-type: none">Look at biscuits from around the world (e.g. Italian biscotti, Indian naan khatai).Host an international bake-off day.
5		<u>Textiles:</u> Funky Cushions (Planbee) Christmas Themed		<u>Mechanical systems</u> Making a pop-up book		<u>Cooking & Nutrition</u> Developing a recipe- Bolognese Sauce
	Cultural Capital	<ul style="list-style-type: none">Research textile patterns and cushion designs from different cultures (e.g. Moroccan, Japanese).		<ul style="list-style-type: none">Explore traditional storytelling around the world using pop-ups or mechanical features.		<ul style="list-style-type: none">Explore Italian cuisine and food traditions.Compare versions of the dish from different countries (e.g. vegetarian, spicy, traditional).
6		<u>Electrical systems: Christmas Project</u> Steady hand game		<u>Architecture/Structure</u> Building Bridges		<u>Cooking and nutrition</u> Come Dine with Me

		Christmas Themed				
	Cultural Capital	<ul style="list-style-type: none">• Explore careers in design and engineering.• Visit a science museum or exhibition focusing on circuits and design.		<ul style="list-style-type: none">• Explore famous bridges around the world and the cultures that built them.• Virtual tour or guest speaker from an engineering firm.		<ul style="list-style-type: none">• Invite family members to share traditional cooking methods.