



# English Martyrs Catholic Voluntary Academy

We grow and learn, with the gifts we have been given, following in the footsteps of Jesus.

## Design and Technology Progression Map



**Intent:** Following the national curriculum for Design and Technology, our intent is that all our children: -

- Research existing products, have opportunities to develop purposeful drawing and design skills to design a new product for a specific purpose based on their research, have opportunities to make their product, using modelling and prototypes to develop their design, be able to critically evaluate their finished product.
- Foster a love of learning new knowledge and skills, a love of building on existing knowledge and skills and a love of creating, planning and undertaking the design process, methodically.
- To understand that 'something' is made for 'somebody' for 'some purpose'.
- Have an awareness of the impact that Design and Technology has on our lives and the lives of future generations.

	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
<b>Advent 1</b>	ART BLOCK	ART BLOCK	ART BLOCK	ART BLOCK	ART BLOCK	ART BLOCK	ART BLOCK
<b>School Focus</b>							
	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
<b>Advent 2</b>		<b>TEXTILES</b> Templates and joining techniques	<b>MECHANISMS</b> Wheels and Axles	<b>STRUCTURES</b> Shell structures using Computer Aided Design	<b>FOOD</b> Healthy and Varied diet (including cooking and	<b>TEXTILES</b> Using computer aided design in textiles	<b>MECHANICAL SYSTEMS</b> Cams



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					nutrition requirements for KS2)		
School Focus							
	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Lent 1	ART BLOCK	ART BLOCK	ART BLOCK	ART BLOCK	ART BLOCK	ART BLOCK	ART BLOCK
School focus							
	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Lent 2		MECHANISMS Slides and Levers	STRUCTURES Freestanding structures	TEXTILES 2D shape to 3D product	ELECTRICAL SYSTEMS Simple programming and control	STRUCTURES Frame Structures	ELECTRICAL SYSTEMS Monitoring and Control
School Focus	STEM WEEK	STEM WEEK	STEM WEEK	STEM WEEK	STEM WEEK	STEM WEEK	STEM WEEK
	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Pentecost 1	ART BLOCK	ART BLOCK	ART BLOCK	ART BLOCK	ART BLOCK	ART BLOCK	ART BLOCK
School Focus							
	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6



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<b>Pentecost 2</b>		<b>FOOD</b> Preparing fruit and vegetables (including cooking and nutrition requirements for KS1)	<b>FOOD</b> Preparing fruit and vegetables (including cooking and nutrition requirements for KS1)	<b>FOOD</b> Healthy and Varied diet (including cooking and nutrition requirements for KS2)	<b>MECHANICAL SYSTEMS</b> pneumatics	<b>FOOD</b> Celebrating culture and seasonality (including cooking and nutrition requirements for KS2)	<b>FOOD</b> Celebrating culture and seasonality (including cooking and nutrition requirements for KS2)
<b>School Focus</b>						<b>CRUMBLES CODING LINK</b>	<b>CRUMBLES CODING LINK</b>