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Autumn 1	<p><b>What can we use?</b></p> <p>Creating with materials ELG: Safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function</p>			<p><b>How are textiles used?</b></p>  <p>Textiles: Templates and joining. Research, design, make and evaluate cushions.</p>	<p><b>What is the purpose of a shell structure?</b></p>  <p>Structures: Research, design, make and evaluate shell structures.</p>		
Autumn 2	<p>Share their creations, explaining the process they have used</p> <p>Fine Motor Skills ELG: Use a range of small tools, including scissors, paint brushes and cutlery</p>	<p><b>How can we make something move?</b></p>  <p>Mechanisms: Sliders/levers for a winter scene. Design, make and evaluate.</p>					
Spring 1	<p><b>What shall we cook?</b></p> <p>What can we make from wood?</p> <p>Share their creations, explaining the process they have used</p>		<p><b>How do wheels move?</b></p>  <p>Mechanisms: Wheels and axles.</p>  <p>Design, make and evaluate a trolley on wheels.</p>			<p><b>How do frames work?</b></p>  <p>Structures: Research, design, make and evaluate bridges/frame structures.</p>	<p><b>What food can be made using seasonal ingredients?</b></p> <p>Food technology: Research, plan, make and evaluate dishes using seasonal foods.</p> 
Spring 2		<p><b>How are things made?</b></p>  <p>Structures: Playground structures. Design, make and evaluate a freestanding structure for a playground.</p>			<p><b>How do circuits and switches work?</b></p>  <p>Electrical Systems: Buzzer games circuits and switches.</p>		
Summer 1			<p><b>How can we join materials?</b></p>  <p>Textiles: Templates and joining. Design, make and evaluate hand puppets.</p>	<p><b>How can air be used to move things?</b></p>  <p>Mechanisms : Research, design, make and evaluate Pneumatics animals of the woods.</p>	<p><b>What does a local dish look like?</b></p>  <p>Food technology: Research, plan, make ad evaluate Bedfordshire clangers.</p>	<p><b>How is bread made?</b></p> <p>Food technology: Research, plan, make and evaluate bread.</p> 	<p><b>How do pulleys work?</b></p> <p>Electrical/ Mechanisms: Research, design, make and evaluate pulleys in a circuit.</p> 

Summer 2		<p><b>Where do the fruits come from?</b></p>  <p><b>Food technology:</b> Fruit Salads. Plan, make and evaluate a fruit salad.</p>	<p><b>What does an African dish look like?</b></p>  <p><b>Food technology:</b> Irio. Plan, make and evaluate Irio.</p>	<p><b>What food do they eat in the Caribbean?</b></p>  <p><b>Food technology:</b> Research, plan, make and evaluate Caribbean patties.</p>		<p><b>What are Cam Toys?</b></p>  <p><b>Mechanisms:</b> Research, design, make and evaluate Cam Toys.</p> 	<p><b>How do computers help our designs?</b></p>  <p><b>Computer aided design:</b> Research, use and incorporate Crumble/Microbit.</p>
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**Key**

	Build – area of study that builds on previous area of learning		Revisit – spaced retrieval
	Link – area of study links to another curriculum area		New - Introduce new content