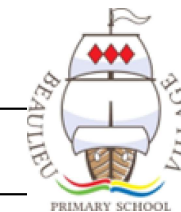




## DT Curriculum Cycle A

Year	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>R</b>	<p><b>Cooking and Nutrition:</b> Bread and soup</p> <p>Cold Playdough</p> <p>Fairy cake using 1 egg and balance scales</p> <p><b>Making holes:</b> -single hole punch -double hole punch</p> <p><b>Cutting:</b> Scissors for paper (left handed and right handed) Hold scissors safely</p> <p><b>Mechanisms:</b> Flaps and levers Paper and card</p> <p><b>Joining:</b> Sellotape dispenser Masking Tape Glue stick</p>	<p><b>Cooking and Nutrition:</b> Fruit Kebab and Star biscuit</p> <p><b>Structure:</b> Make a rocket</p> <p><b>Making holes:</b> paper drill – cutting holes in paper and card.</p> <p><b>Joining:</b> Stapler, Double Sided Tape, PVA glue</p>	<p><b>Cooking and Nutrition:</b> Gingerbread Man and Porridge</p> <p><b>Joining:</b> Treasure tag Pipe cleaners</p> <p><b>Cutting:</b> Safety snips – for card and plastic</p> <p><b>Structure:</b> Bridge for goats or Three bears chair/bed</p>	<p><b>Cooking and Nutrition:</b> Grow ingredients for a salad</p> <p><b>Joining:</b> Split pins Nuts and bolts</p> <p><b>Cutting:</b> Scissors for fabric</p>	<p><b>Structure:</b> Bird Feeder</p> <p><b>Joining:</b> Flange Brace String/wool (Hole punch, paper and wool)</p>	<p><b>Cooking and Nutrition:</b> Prepare a salad</p> <p><b>Textiles:</b> Fabric bookmark</p> <p><b>Joining:</b> Sewing - needle and thread Slot and cut</p>
<b>1/2</b>		<p><b>Making Fire Engines</b> *Explore and use mechanisms. *Design a purposeful appealing and functional product. *Select and use a wide range of materials.</p>		<p><b>Winders and Winding up</b> * Explore a variety of wind up devices. *The children will make a simple winding device.</p>	<p><b>Perfect Pizza</b> *Explore pizzas. *Design and make a pizza from a design brief. *Evaluate their product against their design brief.</p>	
<b>3/ 4</b>		<p><b>Lamps and Lanterns</b> *Explore working with electrical circuits through DT. * Design make and evaluate a lantern using a specific design brief.</p>	<p><b>Money Containers</b> *Look at and discuss a variety of money containers. *produce a design specification with measurements and materials required.</p>		<p><b>Picture Frame</b> *Opportunities for a broad range of designing activities. *An introduction to accurate measurement,</p>	



			*Cut, sew decorate and evaluate money container.		cutting and joining processes using wood.	
<b>5/6</b>		<b>Building Bridges</b> *Explore ways in which pillars and beams are used to span gaps in a variety of bridges. *Develop a criteria and design a prototype. *Analyse and evaluate against criteria.	<b>Moving Mouth Puppet</b> *Plan for seam allowance when making and using own patterns for 3D shaped products. *Use more complex stitches with finer needles to construct outcomes i.e. back stitch and blanket stitch. *Combine different materials to enhance the function of the product.		<b>Fairground</b> *Look at a range of familiar products that use moving parts. *Investigate ways of using an electrical motor to make moving parts. *Design a fairground ride with a moving part.	

### DT Curriculum Cycle B

Year	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>R</b>	<b>Cooking and Nutrition:</b> Bread and soup  Cold Playdough  Fairy cake using 1 egg and balance scales  <b>Making holes:</b> -single hole punch -double hole punch  <b>Cutting:</b> Scissors for paper (left handed and right handed) Hold scissors safely  <b>Joining:</b> Sellotape dispenser Masking Tape Glue stick	<b>Cooking and Nutrition:</b> Fruit Kebab and Star biscuit  <b>Structure:</b> Make a rocket  <b>Making holes:</b> paper drill – cutting holes in paper and card.  <b>Joining:</b> Stapler, Double Sided Tape, PVA glue	<b>Cooking and Nutrition:</b> Gingerbread Man and Porridge  <b>Joining:</b> Treasure tag Hole punch and pipe cleaners  <b>Cutting:</b> Safety snips – for card and plastic	<b>Cooking and Nutrition:</b> Grow ingredients for a salad  <b>Joining:</b> Split pins Nuts and bolts  <b>Cutting:</b> Scissors for fabric	<b>Structure:</b> Bird Feeder  <b>Joining:</b> Flange Brace String	<b>Cooking and Nutrition:</b> Prepare a salad  <b>Textiles:</b> Fabric bookmark  <b>Joining:</b> Sewing Slot and cut

<p><b>1/2</b></p>	<p><b>Eat More Fruit and Vegetables</b>          *To examine taste and describe a variety of fruit and vegetables.          *To handle and prepare a variety of fruit and vegetables.          *Design a fruit and vegetable recipe.          *Evaluate.</p>			<p><b>Moving Pictures- using sliders</b>  <b>Easter card (3D)</b>          *Model their ideas in card and paper.          *Identify simple design criteria.          *Measure and cut with some accuracy.</p>	<p><b>Glove Puppet</b>          *Pin, sew and make a paper pattern.          *Draw a design          Evaluate their work.</p>	
<p><b>3/ 4</b></p>	<p><b>Design a packaging box for a chocolate bar</b>          *Explore the use of graphics and design.          *Model their ideas using prototypes and pattern pieces.          *Assemble, join and combine materials and components with some accuracy.          *Evaluate finished product.</p>		<p><b>Get Baking</b>          *Investigate bread.          *Look at the role of bread in our diet.          Practice bread making.          *Plan, make and evaluate their own dish.</p>		<p><b>Roman Chariots</b>          *Explore practical requirements of vehicles.          *Extend children's knowledge and capability to use mechanisms.          *Evaluate their finished product.</p>	
<p><b>5/6</b></p>	<p><b>Moving Toys and Cam Mechanisms</b>          *Study cam mechanism.          *Design and make a cam mechanism.          *Develop accurate measuring, cutting and joining processes using wood.</p>		<p><b>Design and make a bag (Art- printing link)</b>          *Understand why different bags are designed for different purposes.          *Cut and join with accuracy to ensure a good quality finish.          *Evaluate their product identifying strengths and areas for development.</p>			<p><b>Burgers</b>          *Explore different elements of a burger.          *Design, plan and make own burger.          *Evaluate.</p>