

By Brook CE Primary School Whole School DT Overview

	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
T1 & T2 Structures and Mechanics	Structures: Junk Modelling (A&B)	Structures and Mechanics: Building houses (A)		Mechanics: Christmas card (levers/moving pictures) (B) Structures: Castle/Pavilion (A)	Structures: Bridges (B) Technology: CAMS (A)		
Key Knowledge	<ul style="list-style-type: none"> Join different materials and explore different textures. What design is Drawing a simple design Exploring materials 	<ul style="list-style-type: none"> Methods of joining: tape, glue, folds, hole punches and string, and by using paperclips. Know that different materials hold different properties. Design a house utilising drawing and labelling Knowing and testing suitable materials Comparing design and creation 		<ul style="list-style-type: none"> Measure, mark out, cut and shape materials with some accuracy. Join, assemble and combine materials with some accuracy. Design a structure that is stable, supported and aesthetically pleasing (A) Understanding how a lever and a linkage work (B) Designing using linkages and levers (B) Building and testing a prototype model Adapting designs based on findings from prototypes 	<ul style="list-style-type: none"> Methods of joining: Investigate different types of bridge/CAMS. Design based on knowledge of how bridges/CAMS work Test against design specifications and evaluate findings Adapting designs based on outcome and findings from test, including in-depth explanations 		
T3 & T4 Healthy Eating	Cooking and Nutrition: Rainbow Salad	Cooking and nutrition: Fruit and vegetables/A balanced diet (A&B)		Cooking and nutrition: Adapting a recipe Year 4 unit (A)	Cooking and nutrition: Come dine with me Year 6 unit – adapted (A)		
Key Knowledge	<ul style="list-style-type: none"> Know and talk about the different factors that support their overall health and wellbeing Recognise and name a selection of fruits and vegetables. Prepare food by washing and cutting (supported) 	<ul style="list-style-type: none"> Recognise and name a variety of fruits and vegetables. Explore the key features of a recipe. Use the basic principles of a healthy and varied diet to prepare dishes. Understand where food comes from. Classify a range of foods according to colour, texture and taste. 		<ul style="list-style-type: none"> To weigh and measure accurately (time, dry ingredients, liquids). Understand and apply the principals of a healthy and varied diet. Prepare and cook a dish using a range of cooking techniques. Follow a recipe to create simple dishes that involve changes in food structure such as baking, melting, combining etc. 	<ul style="list-style-type: none"> Recognise, name and classify a variety of foods into the five main food groups (fruits and vegetables, starchy foods, dairy, protein, and fat). Understand seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed. 		
T5 & T6 Textiles		Textiles: Puppets (A&B)		Textiles: Cross Stitch Year 3 unit (B)	Textiles: Stuffed toys Year 5 unit (B)		
	<ul style="list-style-type: none"> Use vocabulary to offer opinions and reflections such as what they liked or didn't like. 	<ul style="list-style-type: none"> Design a puppet and use a template. Join together two pieces of fabric using pins, staples, glue or a running stitch. Understand that when stitching both ends must be knotted. Decorate a puppet using a variety of materials. 		<ul style="list-style-type: none"> Know that fabrics have different properties Demonstrate their ability to use cross-stitch as a decorative feature or to join two pieces of fabric together. Explain the aesthetic and/or functional properties of some of their material choices. Design, cut and shape their template with increasing accuracy. 	<ul style="list-style-type: none"> Consider the user and design appropriately.). Measure, mark out, cut and shape materials with some accuracy. Create an appropriate template. Use blanket stitch to assemble their stuffed toy, repairing when needed. Identify what worked well and areas for improvement. 		

