

King's Oak Primary School

DT Curriculum Plan - Academic Year 2021/2022



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
EYFS						
Year 1	<p>Design, make, evaluate and improve Using construction materials eg Lego, wooden blocks</p> <p>Taught through continuous provision</p> <p>Food Technology- Apple Crumble Bread rolls</p>	<p>How to secure and create-construction Using construction materials eg Lego, wooden blocks</p> <p>Taught through continuous provision</p> <p>Food Technology- Gingerbread Pumpkin Soup</p>	<p>Construction and fastenings Human skeleton</p> <p>Food Technology- Bean soup Muffins</p>	<p>Construction and mechanics Tudor Houses</p> <p>Food Technology- Stew Easter biscuits</p>	<p>Healthy Eating and keeping Healthy RSHE- Our body and how to care for it.</p> <p>Food Technology- Healthy Sandwiches</p>	<p>Design, make, evaluate and improve- A boat</p> <p>Food Technology- Salad Fruit salad</p>
Year 2	<p>What material would you use for a new suit for Elastigirl or Frozone? (in Science)</p> <ul style="list-style-type: none"> • Properties of components and materials determine how they can and cannot be used • Products can be compared by looking at particular characteristics of each and deciding which is better suited to the purpose • Products can be improved in different ways, such as making 	<p>How do we design and make the best glider?</p> <ul style="list-style-type: none"> • Ideas can be communicated in a variety of ways, including written work, drawings and diagrams, modelling, speaking and using information and communication technology. • Computer software can be used to help design or plan a product. • Structures can be made stronger, stiffer and more stable by using 	<p>Can you help Paddington try a new recipe with marmalade?</p> <ul style="list-style-type: none"> • Marmalade Twists and • Marmalade Sandwiches • Hygiene rules include washing hands before handling food, cleaning surfaces, tying long hair back, storing food appropriately and wiping up spills. • Oils are made from parts of plants; sugar is made from plants called sugar cane and sugar beet; 	<p>Can you make a healthy snack? (in PHSE)</p> <ul style="list-style-type: none"> • Hygiene rules include washing hands before handling food, cleaning surfaces, tying long hair back, storing food appropriately and wiping up spills. • <i>Link to Science</i> - describe the importance for humans of eating the right amounts of different types of food 	<p>Can you make a healthy, sweet dish for Sweet Tooth Sid? Can you make a linked dish to help him eat his vegetables?</p> <p>Fruit and vegetable kebabs</p> <ul style="list-style-type: none"> • Hygiene rules include washing hands before handling food, cleaning surfaces, tying long hair back, storing food appropriately and wiping up spills. 	<p>Pirate Flag and Pulley Challenge - Can you design, make and hoist a pirate flag?</p> <ul style="list-style-type: none"> • Generate ideas by drawing on their own and other people's experiences • Develop their design ideas through discussion, observation, drawing and modelling • Identify a purpose for what they intend to design and make • Identify simple design criteria

	<p>them easier to use, more hardwearing or more attractive</p> <ul style="list-style-type: none"> • Many key individuals have helped to shape the world, including John Boyd Dunlop (pneumatic tyre) and John Loudon Macadam (tarmac). 	<p>cardboard rather than paper and triangular shapes rather than squares. A broader base will also make a structure more stable.</p> <ul style="list-style-type: none"> • Different tools have characteristics that make them suitable for specific purposes. • Finished products can be compared with design criteria to see how closely they match. • Improvements can then be planned • Generate ideas by drawing on their own and other people's experiences • Develop their design ideas through discussion, observation, drawing and modelling • Identify a purpose for what they intend to design and make • Identify simple design criteria • Make simple drawings and label parts • Begin to select tools and materials; use vocab' to name and describe them • Measure, cut and score with some accuracy • Use hand tools safely and appropriately • Assemble, join and combine materials in order to make a product 	<p>plants also give us nuts, such as almonds, walnuts and hazelnuts; honey is made by bees (comparison of marmalade and honey)</p>		<ul style="list-style-type: none"> • Some ingredients need to be prepared before they can be cooked or eaten. • There are many ways to prepare ingredients: peeling skins using a vegetable peeler; grating hard ingredients; chopping vegetables and slicing foods. <p><i>Link to science -</i></p> <ul style="list-style-type: none"> • Food comes from two main sources: animals and plants. • Fruit and vegetables come from plants. • A healthy diet should include plenty of fruit and vegetables, protein, starchy foods, some dairy foods or alternatives and a small amount of fat. 	<ul style="list-style-type: none"> • Make simple drawings and label parts • Begin to select tools and materials; use vocab' to name and describe them • Measure, cut and score with some accuracy • Use hand tools safely and appropriately • Assemble, join and combine materials in order to make a product • Cut, shape and join fabric to make a simple garment. • Use basic sewing techniques • Choose and use appropriate finishing techniques • Evaluate against their design criteria • Evaluate products as they are developed, identifying strengths and possible changes they might make • Talk about their ideas, saying what they like and dislike about them • A mechanism makes a job easier to do and is a device that takes one type of motion or force and produces a different one. • Mechanisms include sliders, levers, linkages, gears, pulleys and cams.
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Year 3	Making stone age tools Trip to Butser farm		Wagamama trip - preparing and cooking food	Making Viking bread		Puppetry - with Polka Theatre
Year 4		Making a structure: Buildings that can withstand shaking using straws and marshmallows.		Cooking: Victorian Vegetable broth Knife safety Cutting and chopping Boiling		Robots Sewing togas
Year 5	Cooking and Nutrition: Tudor Biscuits Assemble and cook ingredients, controlling the temperature of the oven. Measure accurately using different				Egyptian - Tunics	Collage – Giant Tutankhamun

	<p>equipment.</p> <p>Create recipes, including ingredients, methods, cooking times and temperatures.</p> <p>Understand the importance of correct storage and handling of ingredients.</p> <p>Combine ingredients appropriately, eg beating or rubbing.</p>					
Year 6		<p>Small model Anderson shelters</p> <p>Baking- WW2 ration recipes</p> <p>World war 2 independent home learning constructions</p>			Healthy recipes for independence	