

DT Key Concepts Progression Map

	Cooking	Textiles	Construction	Design and Evaluate
EYFS	<ul style="list-style-type: none"> • Explore, use and refine a variety of artistic effects to express their ideas and feelings (Good to be me!) <ul style="list-style-type: none"> - Collage • Explore, use and refine a variety of artistic effects to express their ideas and feelings (Let's Celebrate) <ul style="list-style-type: none"> - Christmas • Create collaboratively sharing ideas, resources and skills (Spring into Summer) <ul style="list-style-type: none"> - Model making • Learn to cook Scones (Spring into Summer) <ul style="list-style-type: none"> - In small groups with support children will be able follow a recipe to make scones. The children will start to think about basic hygiene and kitchen safety. 			
KS1	<p>A – Design and make a snack (Farming- County Show) B – Smoothie (Healthy Me)</p> <ul style="list-style-type: none"> • Follow safe procedures for food safety and hygiene <ul style="list-style-type: none"> - Handwashing, cleaning surfaces, • With support be able to use the bridge and claw methods of cutting safely. • Use basic cooking equipment (Chopping boards, knives, mixing bowls). • Follow simple recipes as part of a group. 	<p>A – T shirt Prints (Lets grow) B – Upcycle socks to puppets (Climate Heroes)</p> <ul style="list-style-type: none"> • Use hand tools safely and appropriately. <ul style="list-style-type: none"> - Scissors and needles • Assemble, join and combine materials in a range of ways in order to make a product <ul style="list-style-type: none"> - glue, sew, cello tape, staples and running stiches. 	<p>A – Design and Make a building for a purpose – Tudor houses (Great fire of) B – Moving Vehicle (Dare to Dream)</p> <ul style="list-style-type: none"> • Select tools and materials to achieve a specific aim. <ul style="list-style-type: none"> - Children will be able to select the materials and tools they need from a range of resources to make their product. • Measure, cut and score a range of materials with some accuracy. • Use a range of hand tools safely and appropriately. <ul style="list-style-type: none"> - Scissors, saws 	<ul style="list-style-type: none"> • To be able to understand design criteria and evaluate against the purpose. <ul style="list-style-type: none"> - Children are able to clearly state the purpose of their products. • As part of a group the children are able to research and evaluate existing products against criteria. • Independently, Children are able to identify areas of improvement in their own and others designs and products.
Lower KS2	<p>A – Pizza (Ancient Civilisations - The Romans) B – Design and make a pasta sauce (Climate Heroes)</p> <ul style="list-style-type: none"> • Demonstrate hygienic food preparation and storage. <ul style="list-style-type: none"> - Children will know how to prepare food safely. - Children will know how to store food safely (temperature and cross contamination). 	<p>A – Weaving (Farming County Show) B – Design and Make Cushion (Sewing)</p> <ul style="list-style-type: none"> • Measure, tape or pin, cut and join fabric with accuracy. <ul style="list-style-type: none"> - running stitch and back stitch • Measure, mark out, cut and shape a range of materials, using appropriate tools, equipment and techniques. 	<p>A – Moving toys (Spring 2) B – Design and Make Nightlights (Colour and Light)</p> <ul style="list-style-type: none"> • Select tools and techniques for making their product working safely and accurately. <ul style="list-style-type: none"> - Children will be able to select the materials and tools they need from a range of resources and explain why they are suitable. 	<ul style="list-style-type: none"> • Create design criteria based on a purpose, where appropriate carrying out surveys. • Evaluate design and making process. <ul style="list-style-type: none"> - Children will be able to identify areas for development and success. • Evaluate products against a specific purpose.

	<ul style="list-style-type: none"> ● Follow a basic recipe using measurements. <ul style="list-style-type: none"> - Children will be able to follow a basic recipe including measuring out ingredients. ● Create a basic recipe using an original design - including making measurements. <ul style="list-style-type: none"> - Children will adapt a basic recipe to create their own recipes. These will include measurements. ● Safely use kitchen knives <ul style="list-style-type: none"> - Children will be able to independently use the claw and bridge methods of cutting. ● Safely use hob/oven. <ul style="list-style-type: none"> - With support children will know how to use both a hob and an oven. 	<ul style="list-style-type: none"> ● Join and combine materials and components accurately in temporary and permanent ways. <ul style="list-style-type: none"> - Children will be able to show different ways of combining materials (glue, cello tape, staples, running stiches and back stiches.) 	<ul style="list-style-type: none"> ● Measure, mark out, cut and shape a range of materials, using appropriate tools, equipment and techniques. <ul style="list-style-type: none"> - Children will be able to mark a range of materials clearly using a ruler with some accuracy. - Children will be able to cut and shape a range of materials including wood, plastic, materials and paper with some accuracy. - Children will be confident in using a range of materials to cut and shape including scissors and hand saws. 	<ul style="list-style-type: none"> - Children will be able to evaluate their own as well as existing products against a specific purpose.
Upper KS2	<p>A – Design and make Summer Fair Product (Farming – County Show)</p> <p>B – Curry paste (Staying Alive)</p>	<p>A – Design and Make a Toy (sewing) (Global Comparisons)</p> <p>B – Upcycle clothing (Climate Heroes)</p>	<p>A – Design and Make a building for a purpose (World War 2)</p> <p>B – Moving Boats (Rivers)</p>	<ul style="list-style-type: none"> ● Develop design criteria based on a brief and consumer information, including surveys and wider consumer data. ● Critically evaluate existing products to inform their own designs and process. ● Critically evaluate own products and suggest improvements and strengths of both the product and process.
	<ul style="list-style-type: none"> ● Weigh and measure accurately using a range of kitchen equipment <ul style="list-style-type: none"> - Weighing scales, measuring spoons & measuring jugs. ● Follow a recipe independently. ● Create own recipes. <ul style="list-style-type: none"> - Using inspiration from original recipes children will be able to create their own recipes independently. ● Safely use a range of kitchen equipment including knives, graters (independently) and a hob. <ul style="list-style-type: none"> - Children will be confident in choosing the correct equipment to make their product. - Children will be able to independently use both the bridge and claw and choose when is best to use each. 	<ul style="list-style-type: none"> ● Pin, sew and stitch materials together to create a product. <ul style="list-style-type: none"> - Children will know how to use the following stiches; running stitch, back stitch and blanket stitch. ● Make modifications in process. ● Select appropriate tools, materials, components and techniques to meet a planned purpose. 	<ul style="list-style-type: none"> ● To accurately measure, mark out, cut and shape a range of materials, using appropriate tools, equipment and techniques. <ul style="list-style-type: none"> - Scissors and saws. ● Select appropriate tools, materials, components and techniques to meet planned purpose. <ul style="list-style-type: none"> - Children will be able to select their own resources and techniques used to meet their purpose. ● Assemble components to make working models. <ul style="list-style-type: none"> - Including wood, plastic and fabrics. ● Use a range of tools safely and accurately. <ul style="list-style-type: none"> - Children will be able to independently demonstrate how to use a variety of tools safely and accurately. 	

