

	EYFS	Year 1	Year 2	Lower Key Stage 2	Upper Key Stage 2
<p>Research/ Design</p>	<p>To safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function.</p> <p>To handle equipment and tools effectively</p>	<p>Identify a target group for what they intend to design and make. Use own ideas to design something and describe how their own idea works</p> <p>Explain to someone else how they want to make their product and make a simple plan before making</p> <p>Design a product which moves</p>	<p>Generate ideas by drawing on their own and other people's experiences</p> <p>Identify a purpose for what they intend to design and make</p> <p>Think of an idea and plan what to do next</p> <p>Develop their idea through discussion and observation</p> <p>Explain why they have chosen specific textiles</p> <p>Make simple drawings and label parts</p>	<p>Show that their design meets a range of requirements</p> <p>Put together a step-by-step plan which shows the order and also what equipment and tools they need</p> <p>Describe their design using an accurately labelled sketch and words</p> <p>Come up with a realistic plan</p> <p>Come up with at least one idea about how to create their product</p> <p>Take account of the ideas of others when they are designing</p> <p>Produce a plan and explain it to others</p> <p>Suggest some improvements and say what was good and not so good about their original design</p>	<p>Come up with a range of ideas after they have collected information</p> <p>Take a user's view into account when they are designing</p> <p>Produce a detailed step by step plan</p> <p>Suggest an alternative plan and say what the good points and drawbacks are</p> <p>Use a range of information to inform their design</p> <p>Use market research to inform plans</p> <p>Work within constraints</p> <p>Follow and refine their plan if necessary</p> <p>Justify their plan to someone else</p> <p>Consider culture and society in their design</p>
<p>Make</p>	<p>To use what they have learnt about media and materials in original ways, thinking about uses and purposes. They represent their own ideas, thoughts and feelings through design and technology, art, music, dance, role play and stories</p>	<p>Use own ideas to make something</p> <p>Make a product which moves</p> <p>Choose appropriate resources and tools</p> <p>With help, measure, mark out, cut and shape a range of materials.</p> <p>Use tools safely</p> <p>Assemble, join and combine materials using a variety of methods</p>	<p>Choose tools and materials and explain why they have chosen them</p> <p>Join materials and components in different ways</p> <p>Use hand tools safely and appropriately</p> <p>Measure materials to use in a model or structure</p>	<p>Use equipment and tools accurately</p> <p>Work accurately to make cuts and holes</p> <p>Join materials</p> <p>Can they join textiles of different types in different ways?</p> <p>Can they choose textiles both for their appearance and qualities?</p> <p>Join and combine materials and components accurately in temporary and permanent ways.</p> <p>Tell if their finished product is going to be good quality</p> <p>Aware of the need to produce something that will be liked by others</p> <p>Show a good level of expertise when using a range of tools and equipment</p>	<p>Explain why their finished product is going to be of good quality</p> <p>Explain how their finished product will appeal to the audience</p> <p>Use a range of tools and equipment expertly</p> <p>Use tools and materials precisely</p> <p>Change the way they are working if needed</p> <p>Justify why they selected specific materials</p>

Evaluate		Describe how something works Explain what works well and not so well in the model they have made Evaluate their product by discussing how well it works in relation to the purpose	Explain what went well with their work Talk about their ideas saying what they like and dislike about them	Did they change that made their design even better? Thought of how they will check if their design is successful Begin to explain how they can improve their original design Evaluate their product thinking of both the appearance and the way it works If necessary, alter their product after checking it	Think what the user would want when choosing textiles Make their product attractive and strong Make a prototype first Use a range of joining techniques Incorporate a switch into their product Refine their product after testing it measure accurately enough to ensure that everything is precise Ensured their product is strong and fit for purpose Be motivated enough to refine and improve their product Persevere through different stages of the making process Use different types of circuits in their product Think of ways in which adding a circuit would improve their product
Technical Knowledge		Make their own model stronger (joining, folding, rolling etc)	Begin to select tools and materials; use vocab to name and describe them Make a model stronger and more stable Use wheels and axles, when appropriate to do so	Select and use the most appropriate tools and techniques to use for a given task Make a product that uses both electrical and mechanical components Use a simple circuit Use a number of components Use finishing techniques Think about making their product strong Devise a template Explain how to join things in a different way Are they confident about trying out new and different ideas Measure carefully so as to make sure they have not made mistakes	Think what the user would want when choosing textiles Make their product attractive and strong Make a prototype first Use a range of joining techniques Incorporate a switch into their product Refine their product after testing it Measure accurately enough to ensure that everything is precise Ensure their product is strong and fit for purpose Motivated enough to refine and improve their product Persevere through different stages of the making process Use different types of circuits in their product Think of ways in which adding a circuit would improve their product
Cooking and Nutrition		Cut food safely Select and use appropriate fruit and vegetables Use basic food handling hygienic practices and personal hygiene.	Follow safe procedures for food safety and hygiene Weigh ingredients to use in a recipe Describe the ingredients used when making a dish or cake	Use equipment safely Choose the right ingredient for a product Make sure their product looks attractive Describe how their combined ingredients come together Grow plants such as cress and herbs from seed with the intention of using them for their food products Know what to do to be hygienic and safe Think what they can do to present their product in an interesting way	Describe what they do to be both hygienic and safe Presented their product well Explain how their product should be stored