



**Whole School Design and Technology Coverage 2021/2022**

	<b>Autumn</b>	<b>Spring</b>	<b>Summer</b>
<b>Nursery</b>	<b>Making Bridges</b>	<b>Make a basket</b>	<b>Make and test different transport</b>
	<p><b>Design</b></p> <ul style="list-style-type: none"> <li>Develop their own ideas and then decide which materials to use to express them.</li> <li>Draw with some detail,</li> </ul> <p><b>Make</b></p> <ul style="list-style-type: none"> <li>Select and use activities and resources.</li> <li>Use one-handed tools and equipment, for example, making snips in paper with scissors.</li> <li>Choose the right resources to carry out their own plan.</li> <li>Explore collections of materials with similar and/or different properties.</li> <li>Make imaginative and complex 'small worlds' with blocks and construction kits, such as a city with different buildings and a park.</li> <li>Join different materials</li> </ul> <p><b>Evaluate</b></p> <ul style="list-style-type: none"> <li>Play with one or more other children, extending and elaborating play ideas.</li> <li>Be able to express a point of view and to debate when they disagree with an adult or a friend.</li> </ul>	<p><b>Design</b></p> <ul style="list-style-type: none"> <li>Develop their own ideas and then decide which materials to use to express them.</li> <li>Draw with increasing complexity and detail,</li> </ul> <p><b>Make</b></p> <ul style="list-style-type: none"> <li>Select and use activities and resources.</li> <li>Use one-handed tools and equipment, for example, making snips in paper with scissors.</li> <li>Choose the right resources to carry out their own plan.</li> <li>Explore collections of materials with similar and/or different properties.</li> <li>Join different materials and explore different textures.</li> </ul> <p><b>Evaluate</b></p> <ul style="list-style-type: none"> <li>Play with one or more other children, extending and elaborating play ideas.</li> <li>Be able to express a point of view and to debate when they disagree with an adult or a friend,</li> </ul>	<p><b>Design</b></p> <ul style="list-style-type: none"> <li>Develop their own ideas and then decide which materials to use to express them.</li> <li>Draw with increasing complexity and detail,</li> </ul> <p><b>Make</b></p> <ul style="list-style-type: none"> <li>Select and use activities and resources.</li> <li>Use one-handed tools and equipment, for example, making snips in paper with scissors.</li> <li>Choose the right resources to carry out their own plan.</li> <li>Explore collections of materials with similar and/or different properties.</li> <li>Make imaginative and complex 'small worlds' with blocks and construction kits.</li> <li>Join different materials</li> </ul> <p><b>Evaluate</b></p> <ul style="list-style-type: none"> <li>Play with one or more other children, extending and elaborating play ideas.</li> <li>Be able to express a point of view and to debate when they disagree with an adult or a friend,</li> </ul>
<b>Reception</b>	<b>Bird feeders</b>	<b>Bread</b>	<b>Animal homes</b>
	<p><b>Design</b></p> <ul style="list-style-type: none"> <li>Listens and responds to ideas expressed by others in discussion.</li> <li>Ask questions to find out more.</li> <li>Articulate their ideas and thoughts in well-formed sentences</li> <li>Create collaboratively sharing ideas, resources and skills.</li> </ul>	<p><b>Design</b></p> <ul style="list-style-type: none"> <li>Listens and responds to ideas expressed by others in discussion.</li> <li>Ask questions to find out more.</li> <li>Articulate their ideas and thoughts in well-formed sentences</li> <li>Create collaboratively sharing ideas, resources and skills.</li> </ul>	<p><b>Design</b></p> <ul style="list-style-type: none"> <li>Listens and responds to ideas expressed by others in discussion.</li> <li>Ask questions to find out more.</li> <li>Develops their own ideas through experimentation</li> <li>Uses their increasing knowledge and understanding of tools and materials to explore their</li> </ul>

	<p><b>Make</b></p> <ul style="list-style-type: none"> <li>Develop their small motor skills so that they can use a range of tools competently, safely and confidently.</li> </ul> <p><b>Evaluate</b></p> <p>Connect one idea or action to another.</p> <ul style="list-style-type: none"> <li>Return to and build on their previous learning, refining ideas</li> </ul>	<p><b>Make</b></p> <ul style="list-style-type: none"> <li>Develop their small motor skills so that they can use a range of tools competently, safely and confidently.</li> </ul> <p><b>Evaluate</b></p> <p>Connect one idea or action to another.</p> <ul style="list-style-type: none"> <li>Return to and build on their previous learning, refining ideas</li> </ul> <p><b>Cooking</b></p> <ul style="list-style-type: none"> <li>Develop the skills they need to manage personal hygiene.</li> </ul>	<p>interests and enquiries and develop their thinking</p> <ul style="list-style-type: none"> <li>Create collaboratively sharing ideas, resources and skills.</li> </ul> <p><b>Make</b></p> <ul style="list-style-type: none"> <li>Develop their small motor skills so that they can use a range of tools competently, safely and confidently.</li> <li>Explore the natural world around them.</li> </ul> <p><b>Evaluate</b></p> <p>Connect one idea or action to another.</p> <ul style="list-style-type: none"> <li>Return to and build on their previous learning, refining ideas</li> </ul>
<b>Year 1</b>	<b>Pirate Paddy's Lunch box problems</b>	<b>Vehicles</b>	<b>Disgusting Pizza</b>
	<p>Design</p> <ul style="list-style-type: none"> <li>I can make a simple design before making based on design criteria.</li> </ul> <p>Make</p> <ul style="list-style-type: none"> <li>I can use my own ideas to make something.</li> <li>I can choose appropriate resources and tools.</li> </ul> <p>Evaluate</p> <ul style="list-style-type: none"> <li>I can describe how existing products works.</li> <li>I can evaluate my product.</li> </ul> <p>Technology</p> <ul style="list-style-type: none"> <li>I can make my model stronger.</li> </ul>	<p>Design</p> <ul style="list-style-type: none"> <li>I can explain to someone else how I want to make my product.</li> </ul> <p>Make</p> <ul style="list-style-type: none"> <li>I can use my own ideas to make something.</li> <li>I can choose appropriate resources and tools.</li> <li>I can make a product, which moves.</li> </ul> <p>Evaluate</p> <ul style="list-style-type: none"> <li>I can describe how existing products works.</li> <li>I can evaluate my product.</li> </ul> <p>Technology</p> <ul style="list-style-type: none"> <li>I can explore and use mechanisms in my design.</li> </ul>	<p>Design</p> <ul style="list-style-type: none"> <li>I can make a simple design before making based on design criteria.</li> </ul> <p>Make</p> <ul style="list-style-type: none"> <li>I can use my own ideas to make something.</li> <li>I can choose appropriate resources and tools.</li> </ul> <p>Evaluate</p> <ul style="list-style-type: none"> <li>I can describe how existing products works.</li> <li>I can evaluate my product.</li> </ul> <p>Cooking</p> <ul style="list-style-type: none"> <li>I can cut food safely.</li> <li>I can understand where food comes from.</li> <li>I can understand why we need a healthy and varied diet.</li> </ul>
<b>Year 2</b>	<b>Fabric Faces</b>	<b>Dips and Dippers</b>	<b>Moving Pictures</b>
	<p>Design</p> <ul style="list-style-type: none"> <li>I can design products that are look good.</li> <li>I can think of ideas and explain them in different ways, including drawing and talking about them.</li> </ul>	<p>Design</p> <ul style="list-style-type: none"> <li>I can design products that are useful.</li> <li>I can think of ideas and explain them in different ways, including drawing and talking about them.</li> </ul> <p>Make</p>	<p>Design</p> <ul style="list-style-type: none"> <li>I can design products that are useful and look good.</li> <li>I can think of ideas and explain them in different ways, including drawing and</li> </ul>

	<p>Make</p> <ul style="list-style-type: none"> <li>I can choose tools and equipment to perform practical tasks.</li> </ul> <p>Evaluate</p> <ul style="list-style-type: none"> <li>I can explore and evaluate existing products.</li> <li>I can evaluate my product against a success criteria.</li> </ul> <p>I can explain what went well with my work.</p> <p>Technology</p> <ul style="list-style-type: none"> <li>I can explain why I have chosen specific materials.</li> <li>I can measure materials to use in a model or structure.</li> </ul>	<ul style="list-style-type: none"> <li>I can choose tools and equipment to perform practical tasks.</li> <li>I can select a range of materials and explain why I have chosen them.</li> </ul> <p>Evaluate</p> <ul style="list-style-type: none"> <li>I can explore and evaluate existing products.</li> <li>I can evaluate my product against a success criteria.</li> </ul> <p>Cooking</p> <ul style="list-style-type: none"> <li>I can describe the ingredients I am using.</li> <li>I can understand where food comes from.</li> <li>I can explain why I need to eat a balanced and variety of food groups to stay healthy.</li> </ul>	<p>talking about them.</p> <p>Make</p> <ul style="list-style-type: none"> <li>I can choose tools and equipment to perform practical tasks.</li> <li>I can select a range of materials and explain why I have chosen them.</li> </ul> <p>Evaluate</p> <ul style="list-style-type: none"> <li>I can explore and evaluate existing products.</li> </ul> <p>Technology</p> <ul style="list-style-type: none"> <li>I can make and use mechanisms and levers in my product.</li> </ul>
<b>Year 3</b>	<b>Seasonal stockings</b>	<b>Great British Bake off</b>	<b>Egyptian hieroglyphs photo frame.</b>
	<p>Design</p> <ul style="list-style-type: none"> <li>I can design a product and make sure that it looks attractive.</li> </ul> <p>Make</p> <ul style="list-style-type: none"> <li>I can follow a plan choosing the right equipment and material.</li> <li>I can work accurately to measure, make cuts and holes.</li> </ul> <p>I can select the appropriate tools and techniques for a given task.</p> <p>Evaluate</p> <ul style="list-style-type: none"> <li>I can investigate a range of existing products.</li> <li>I can prove that my design meets some criteria.</li> </ul> <p>Technology</p> <ul style="list-style-type: none"> <li>I can explore ways to join fabric.</li> </ul>	<p>Design</p> <ul style="list-style-type: none"> <li>I can design a product and make sure that it looks attractive.</li> <li>I can generate and develop ideas through discussion.</li> </ul> <p>Make</p> <ul style="list-style-type: none"> <li>I can follow a plan choosing the right equipment and material.</li> <li>I can select the appropriate tools and techniques for a given task.</li> </ul> <p>Evaluate</p> <ul style="list-style-type: none"> <li>I can understand how key events and individuals in design and technology have shaped the world.</li> <li>I can investigate a range of existing products.</li> <li>I can prove that my design meets some criteria.</li> </ul> <p>Cooking</p> <ul style="list-style-type: none"> <li>I can describe how food ingredients come together.</li> </ul>	<p>Design</p> <ul style="list-style-type: none"> <li>I can design a product and make sure that it looks attractive.</li> <li>I can generate and develop ideas through discussion and annotated sketches.</li> </ul> <p>Make</p> <ul style="list-style-type: none"> <li>I can follow a plan choosing the right equipment and material.</li> <li>I can select the appropriate tools and techniques for a given tas</li> </ul> <p>Evaluate</p> <ul style="list-style-type: none"> <li>I can investigate a range of existing products.</li> <li>I can prove that my design meets some criteria.</li> </ul> <p>Technology</p> <ul style="list-style-type: none"> <li>I can find ways to strengthen material.</li> </ul>

Year 4	Making Instruments	Alarm Systems	How cool is your drink?
	<p>Design</p> <ul style="list-style-type: none"> <li>I can produce a design and explain it.</li> </ul> <p>Make</p> <ul style="list-style-type: none"> <li>I can measure accurately.</li> <li>I can select from a wider range of tools and equipment.</li> <li>I can select from and use a wider range of materials according to their aesthetic qualities.</li> </ul> <p>Evaluate</p> <ul style="list-style-type: none"> <li>I can explore existing products and say how they could be better.</li> <li>I can evaluate and suggest improvements for my design.</li> </ul> <p>Technology</p> <ul style="list-style-type: none"> <li>I can apply my understanding of how to strengthen structures.</li> </ul>	<p>Design</p> <ul style="list-style-type: none"> <li>I can research a range of products and use other people's ideas when I am designing.</li> <li>I can produce a design and explain it.</li> </ul> <p>Make</p> <ul style="list-style-type: none"> <li>I can select from a wider range of tools and equipment.</li> <li>I can select from and use a wider range of materials and components according to their functional properties.</li> </ul> <p>Evaluate</p> <ul style="list-style-type: none"> <li>I can explore existing products and say how they could be better.</li> <li>I can evaluate and suggest improvements for my design.</li> <li>I can explain how I have improved my original design.</li> </ul> <p>Technology</p> <ul style="list-style-type: none"> <li>I can understand and can use electrical systems.</li> <li></li> </ul>	<p>Design</p> <ul style="list-style-type: none"> <li>I can research a range of products and use other people's ideas when I am designing.</li> <li>I can produce a design and explain it.</li> </ul> <p>Make</p> <ul style="list-style-type: none"> <li>I can present a product in an interesting way.</li> <li>I can select from a wider range of tools and equipment.</li> </ul> <p>Evaluate</p> <ul style="list-style-type: none"> <li>I can explore existing products and say how they could be better.</li> <li>I can evaluate and suggest improvements for my design.</li> <li>I can explain how I have improved my original design.</li> </ul> <p>Cooking</p> <ul style="list-style-type: none"> <li>I know how to be both hygienic and safe when using food.</li> <li>I can use a range of food preparation tools.</li> </ul>
Year 5	Moving Toys	Global Food	Marvellous Structures
	<p>Design</p> <ul style="list-style-type: none"> <li>I can come up with a range of ideas after collecting information from different sources.</li> <li>I can produce a detailed plan.</li> </ul> <p>Make</p> <ul style="list-style-type: none"> <li>I can use a range of tools and equipment competently.</li> <li>I can make a prototype before the final version.</li> </ul> <p>Evaluate</p> <ul style="list-style-type: none"> <li>I can evaluate appearance and function</li> </ul>	<p>Design</p> <ul style="list-style-type: none"> <li>I can come up with a range of ideas after collecting information from different sources.</li> </ul> <p>Make</p> <ul style="list-style-type: none"> <li>I can use a range of tools and equipment competently.</li> <li>I can follow a recipe.</li> <li></li> </ul> <p>Evaluate</p> <ul style="list-style-type: none"> <li>I can investigate and analyse existing products.</li> </ul> <p>Cooking</p> <ul style="list-style-type: none"> <li>I can demonstrate a range of food skills and</li> </ul>	<p>Design</p> <ul style="list-style-type: none"> <li>I can come up with a range of ideas after collecting information from different sources.</li> <li>I can produce a detailed plan.</li> </ul> <p>Make</p> <ul style="list-style-type: none"> <li>I can use a range of tools and equipment competently.</li> <li>I can make a prototype before the final version.</li> </ul> <p>Evaluate</p>

	<p>of my product against original criteria.</p> <ul style="list-style-type: none"> <li>I can investigate and analyse existing products.</li> </ul> <p>Technology</p> <ul style="list-style-type: none"> <li>I can understand and use mechanical systems in my products.</li> </ul>	<p>techniques.</p> <ul style="list-style-type: none"> <li>I can say where in the world ingredients come from and diets around the world are based on similar food groups.</li> <li>I can prepare and cook savoury dishes using a range of techniques.</li> </ul>	<ul style="list-style-type: none"> <li>I can evaluate appearance and function of my product against original criteria.</li> <li>I can investigate and analyse existing products.</li> </ul> <p>Technology</p> <ul style="list-style-type: none"> <li>I can investigate ways of strengthening structures that are more complex.</li> </ul>
<b>Year 6</b>	<b>Super Seasonal</b>	<b>Mobile Phone Cases</b>	<b>Fairground</b>
	<p>Design</p> <ul style="list-style-type: none"> <li>I can research and design a range of interesting, useful and appealing products that are aimed at certain people or groups.</li> </ul> <p>Make</p> <ul style="list-style-type: none"> <li>I can follow and refine my designs.</li> </ul> <p>Evaluate</p> <ul style="list-style-type: none"> <li>I can evaluate my product against clear criteria and consider the views of others to improve my work.</li> <li>I can test and evaluate my products.</li> </ul> <p>Cooking</p> <ul style="list-style-type: none"> <li>I can explain where and when seasonal ingredients can be reared, caught and processed.</li> <li>I can demonstrate a range of food skills and techniques.</li> </ul>	<p>Design</p> <ul style="list-style-type: none"> <li>I can research and design a range of interesting, useful and appealing products that are aimed at certain people or groups.</li> <li>I can justify my plans in a convincing way.</li> </ul> <p>Make</p> <ul style="list-style-type: none"> <li>I can follow and refine my designs</li> <li>I can make a prototype.</li> </ul> <p>Evaluate</p> <ul style="list-style-type: none"> <li>I can evaluate my product against clear criteria and consider the views of others to improve my work.</li> <li>I can test and evaluate my products.</li> </ul> <p>Technology</p> <ul style="list-style-type: none"> <li>I can use sewing skills to join fabric.</li> </ul>	<p>Design</p> <ul style="list-style-type: none"> <li>I can research and design a range of interesting, useful and appealing products that are aimed at certain people or groups.</li> <li>I can justify my plans in a convincing way.</li> </ul> <p>Make</p> <ul style="list-style-type: none"> <li>I can follow and refine my designs.</li> <li>I can make a prototype.</li> </ul> <p>Evaluate</p> <ul style="list-style-type: none"> <li>I can evaluate my product against clear criteria and consider the views of others to improve my work.</li> <li>I can test and evaluate my products.</li> </ul> <p>Technology</p> <ul style="list-style-type: none"> <li>I can apply my understanding of computing to program, monitor and control my product.</li> <li>I can understand and use mechanical systems to make my product.</li> <li>I can apply my understanding of how to strengthen, stiffen and reinforce structures that are more complex.</li> </ul>