



SACRED HEART CATHOLIC PRIMARY SCHOOL

Design Technology Curriculum Map - MWOP



Year Group	1	2	3	4	5	6
Food/ cooking	<p>To Understand and apply the principles of a healthy and varied diet and use this to prepare dishes To know where food comes from</p> <p><i>All to be linked to topic using countries ingredients</i></p>	<p>To Understand and apply the principles of a healthy and varied diet and use this to prepare dishes To know where food comes from</p> <p><i>All to be linked to topic using countries ingredients</i></p>	<p>To Understand and apply the principles of a healthy and varied diet To prepare and cook savoury dishes using a range of techniques To understand seasonality and to know where ingredients are grown and processed</p> <p><i>All to be linked to topic using countries ingredients</i></p>	<p>To Understand and apply the principles of a healthy and varied diet To prepare and cook savoury dishes using a range of techniques To understand seasonality and to know where ingredients are grown, reared and processed</p> <p><i>All to be linked to topic using countries ingredients</i></p>	<p>To Understand and apply the principles of a healthy and varied diet To prepare and cook savoury dishes using a range of techniques To understand seasonality and to know where ingredients are grown, reared, caught and processed</p> <p><i>All to be linked to topic using countries ingredients</i></p>	<p>To Understand and apply the principles of a healthy and varied diet To prepare and cook savoury dishes using a range of techniques To understand seasonality and to know where ingredients are grown, reared, caught and processed</p> <p><i>All to be linked to topic using countries ingredients</i></p>
Design	<p>Design purposeful, functional, appealing products for themselves and other users based on design criteria. Generate, develop, model and communicate their ideas through talking, drawing, templates and, where appropriate, information and communication technology.</p>	<p>Design purposeful, functional, appealing products for themselves and other users based on design criteria. Generate, develop, model and communicate their ideas through talking, drawing, templates, mock-ups and, where appropriate, information and communication technology.</p>	<p>Use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups. Generate, develop, model and communicate their ideas through discussion, annotated sketches, cross sectional and exploded diagrams, pattern pieces and computer- aided design.</p>	<p>Use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups. Generate, develop, model and communicate their ideas through discussion, annotated sketches, cross sectional and exploded diagrams, pattern pieces and computer- aided design.</p>	<p>Use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups. Generate, develop, model and communicate their ideas through discussion, annotated sketches, cross sectional and exploded diagrams, prototypes, pattern pieces and computer- aided design.</p>	<p>Use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups. Generate, develop, model and communicate their ideas through discussion, annotated sketches, cross sectional and exploded diagrams, prototypes, pattern pieces and computer- aided design.</p>

<p>Make</p>	<p>Select from and use a range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing]. <i>Using scissors, PVA glue and paint</i></p> <p>Select from and use a wide range of materials and components, including construction material and textiles according to their characteristics.</p>	<p>Select from and use a range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing]. <i>Using junior saws, sandpaper, glue gun and paint</i></p> <p>Select from and use a wide range of materials and components, including construction materials and textiles according to their characteristics.</p>	<p>Select from and use a wider range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing], accurately. <i>Using saws, clamps, glue guns, files, paint and varnish</i></p> <p>Select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities.</p>	<p>Select from and use a wider range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing], accurately. <i>Using saws, clamps, glue guns, nails, files, pain, varnish</i></p> <p>Select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities.</p>	<p>Select from and use a wider range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing], accurately. <i>Using saws (appropriate to the material), clamps, glue guns, chisels, nails, wood glue and using proper joins</i></p> <p>Select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities. <i>Using metal</i></p>	<p>Select from and use a wider range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing], accurately. <i>Using saws (appropriate to the material), clamps, glue guns, chisels, nails, wood glue and using proper joins</i></p> <p>Select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities. <i>Using metal</i></p>
<p>Evaluate</p>	<p>Explore and evaluate a range of existing products. Evaluate their ideas and products against design criteria.</p>	<p>Explore and evaluate a range of existing products. Evaluate their ideas and products against design criteria.</p>	<p>Investigate and analyse a range of existing products. Evaluate their ideas and products against their own design criteria. Evaluate their ideas and products against their own design criteria and consider the views of others to improve their work</p>	<p>Investigate and analyse a range of existing products. Evaluate their ideas and products against their own design criteria. Evaluate their ideas and products against their own design criteria and consider the views of others to improve their work</p>	<p>Investigate and analyse a range of existing products. Evaluate their ideas and products against their own design criteria. Evaluate their ideas and products against their own design criteria and consider the views of others to improve their work</p>	<p>Investigate and analyse a range of existing products. Evaluate their ideas and products against their own design criteria. Evaluate their ideas and products against their own design criteria and consider the views of others to improve their work</p>
<p>Technical knowledge</p>	<p>Build structures, exploring how they can be made stronger, stiffer and more stable.</p>	<p>Build structures, exploring how they can be made stronger, stiffer and more stable. Explore and use mechanisms [for example, levers, sliders, wheels and axles], in their products.</p>	<p>Apply their understanding of how to strengthen, stiffen and reinforce more complex structures. Understand and use mechanical systems in their products [for example, gears, pulleys, levers)</p>	<p>Apply their understanding of how to strengthen, stiffen and reinforce more complex structures. Understand and use mechanical systems in their products [for example, gears, pulleys, cams, levers and linkages].</p>	<p>Apply their understanding of how to strengthen, stiffen and reinforce more complex structures. Understand and use mechanical systems in their products [for example, gears, pulleys, cams, levers and linkages].</p>	<p>Apply their understanding of how to strengthen, stiffen and reinforce more complex structures. Understand and use mechanical systems in their products [for example, gears, pulleys, cams, levers and linkages].</p>

