



# Design & Technology Curriculum Map

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Year Group	Autumn Term	Spring Term	Summer Term
<b>A</b>	<p><b>Theme:</b> Dips and Dippers</p> <p><b>Context for Learning:</b> Children will learn about good food hygiene rules and using kitchen equipment to prepare food safely.</p> <p>Children will apply these skills when making and evaluating a healthy dip and dippers. Children will develop their understanding of the eat-well plate and explains the importance of eating a healthy and varied diet.</p> <p><b>Coverage of skills:</b></p> <ul style="list-style-type: none"> <li>• Evaluate different dips</li> <li>• Explore and describe different dippers</li> <li>• Make dips and dippers</li> <li>• Designing dips</li> <li>• Evaluate finished dips</li> </ul>	<p><b>Theme:</b> Building Castles</p> <p><b>Context for Learning:</b> Children will learn about the key features of a castle by studying pictures of famous castles. They will then use the features that they find to design, build and evaluate a castle by selecting appropriate resources and tools with which to build.</p> <p><b>Coverage of skills:</b></p> <ul style="list-style-type: none"> <li>• Evaluate established castles, deciding what works well but what needs improved</li> <li>• Make a design brief</li> <li>• Select appropriate materials from a range of resources and tools</li> <li>• Build to a specified design</li> </ul> <p>Evaluate the effectiveness of completed product</p>	<p><b>Theme:</b> Fabricate bunting</p> <p><b>Context for Learning:</b> Children will learn about working with fabric. Children evaluate a range of existing bunting with a theme around counting. Children are then set a design criteria. They will learn how to use a graphics program to create a design and template for their bunting. Working with felt, children will cut out a bunting shape and use a simple running stitch. Children will be given the chance to explore different fabrics that they could use to enhance their designs. Using techniques such as sewing, stapling and gluing, children will decorate their felt flag. Finally, children will evaluate their product</p> <p><b>Coverage of skills:</b></p> <ul style="list-style-type: none"> <li>• Evaluate existing products</li> <li>• Design a flag</li> <li>• Create and use templates</li> <li>• Use a running stitch</li> <li>• Join fabrics</li> </ul> <p>Evaluate my product</p>
<b>B</b>	<p><b>Theme:</b> Sensational Salads</p> <p><b>Context for Learning:</b> Children will learn about peeling, cutting safely and applying these skills when preparing healthy dishes. They will learn key information about healthy eating and where their food comes from.</p> <p><b>Coverage of skills:</b></p> <ul style="list-style-type: none"> <li>• Name different fruits and vegetables.</li> <li>• Explain where some food grows</li> <li>• Explore and evaluate existing products.</li> <li>• Explain why I need to eat fruit and vegetables</li> <li>• Explain where different fruits come from.</li> </ul> <p>Prepare a tasty fruit smoothie</p>	<p><b>Theme:</b> Sock puppets (Funny faces unit)</p> <p><b>Context for Learning:</b> Children will learn all about different fabrics. They will explore and become familiar with the names of different fabrics and learn how to choose and manipulate fabrics to create different effects; they will also learn how to join fabrics in a variety of ways. Running stitch will be introduced during this unit. Finally, children get the chance to apply all of these skills to help them create their own sock puppet which they will evaluate.</p> <p><b>Coverage of skills:</b></p> <ul style="list-style-type: none"> <li>• Explore fabrics.</li> <li>• Explore and evaluate how hair is created using different materials.</li> <li>• Select a material and shape it</li> <li>• Join fabrics together and attach different materials</li> <li>• Cut on a line and use a template to create a fabric face shape.</li> <li>• Create and follow a design criteria</li> <li>• Think of ideas, discuss them and then create a design.</li> <li>• Carefully select fabrics and materials.</li> </ul> <p>Follow a design carefully and use different tools to make a fabric face.</p>	<p><b>Theme:</b> Traditional Tales</p> <p><b>Context for Learning:</b> Children will be given opportunities to develop their understanding of mechanisms. They will listen to and role play different stories and then learn how sections of the stories can be made into a moving picture. They will follow instructions on how to make different types of mechanisms, such as levers, wheels and sliders, gives children experience and information to draw on when developing their own ideas. They sketch a design based on their ideas and then create their moving picture centred on the story of 'The Papaya that spoke.' Children evaluate their finished product.</p> <p><b>Coverage of skills:</b></p> <ul style="list-style-type: none"> <li>• Explore and evaluate an existing product.</li> <li>• Use a mechanism in their product</li> <li>• Make a lever and use it in their product.</li> <li>• Make a wheel mechanism and use it in their product.</li> <li>• Design a working product thinking about who it is for and what it needs.</li> <li>• Make decisions about their product design and</li> <li>• Use an annotated sketch to show them.</li> <li>• Use mechanisms to make a product.</li> </ul> <p>Evaluate their product against design criteria.</p>