

# Curriculum coverage and progression

SUBJECT:DT



<p><b>Year R</b> Expressive Arts &amp; Design</p>	<p><b>By the end of EYFS our children will be able to:</b></p> <ul style="list-style-type: none"><li>• Safely use a range of tools and be able to name them.</li><li>• Join and manipulate materials to create desired effect.</li><li>• Construct with a clear purpose in mind and be able to talk about this.</li><li>• Shape materials using appropriate tools.</li><li>• Explore, use and refine a variety of artistic effects to express their ideas and feelings.</li></ul>
<p><b>Key Stage 1</b></p>	<p><b>By the end of Key Stage 1 our children will be able to:</b></p> <ul style="list-style-type: none"><li>• Talk about healthy and unhealthy food.</li><li>• Explore and use axles and wheels in a product.</li><li>• Use basic tools to prepare food with help.</li><li>• Plan and design a product based on specific criteria with a clear purpose.</li><li>• Create strong joins in structures and explain how they are made.</li><li>• Be able to model ideas in words and pictures.</li><li>• Cut a range of materials confidently.</li><li>• Communicate ideas incorporating types of axle, showing knowledge of these types.</li><li>• Be able to join fabric.</li><li>• Stiffen materials.</li><li>• Evaluate ideas and products, comparing to the design.</li><li>• Use variety of techniques to prepare food eg grating, slicing, stirring, cutting techniques</li><li>• Develop ideas about their choice of materials and components in a variety of ways.</li></ul>

<p style="text-align: center;">Lower Key Stage 2</p>	<p><b>By the end of Lower Key Stage 2 our children will be able to:</b></p> <ul style="list-style-type: none"> <li>• Talk about the different food groups and where food comes from.</li> <li>• Combine a range of ingredients.</li> <li>• Communicate designs using sketches and diagrams.</li> <li>• Measure and mark out with accuracy.</li> <li>• Explain a balanced diet.</li> <li>• Read and follow a recipe.</li> <li>• Communicate ideas with exploded diagrams.</li> <li>• Cut more intricate shapes eg internal shapes.</li> <li>• Investigate and analyse pop up mechanisms ( concertina/box).</li> </ul>
<p style="text-align: center;">Upper Key Stage 2</p>	<p><b>By the end of Upper Key Stage 2 our children will be able to:</b></p> <ul style="list-style-type: none"> <li>• Create a prototype for a product.</li> <li>• Use cams in a product.</li> <li>• Evaluate a product in detail.</li> <li>• Select appropriate techniques to strengthen and stable a product.</li> <li>• Produce step by step plans.</li> <li>• Make careful and precise measurements.</li> <li>• Plan and cook a savoury dish, using a variety of techniques.</li> <li>• Use hidden joins to improve a product.</li> <li>• Incorporate electrical components in a product.</li> <li>• Communicate ideas through discussion, annotated sketches, cross sectional and exploded diagrams.</li> <li>• Refine a product.</li> </ul>