



Oakfield Primary School Design and Technology Medium Term Plan- Autumn

EYFS						
<p>The development of children's artistic and cultural awareness supports their imagination and creativity. It is important that children have regular opportunities to engage with the arts, enabling them to explore and play with a wide range of media and materials. The quality and variety of what children see, hear and participate in is crucial for developing their understanding, self-expression, vocabulary and ability to communicate through the arts. The frequency, repetition and depth of their experiences are fundamental to their progress in interpreting and appreciating what they hear, respond to and observe.</p>						
Term	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Autumn	<p>Textiles</p> <p>To know how to use a range of cutting and shaping techniques (such as tearing, cutting, folding and curling) and to demonstrate these. To know what a template is and to use these.</p>	<p>Textiles</p> <p>To know how to cut materials safely using tools provided. To know how to measure and mark out to the nearest centimetre. To know how to use and demonstrate a range of joining techniques such as gluing or combining materials to strengthen. To know what a running stitch is and to use this to join textiles. To know a number of techniques such as dying, adding sequins or printing and to use these to add colour and decoration to textiles.</p>	<p>Textiles</p> <p>To know how to cut materials accurately and safely by selecting appropriate tools. To know how to select appropriate joining techniques. To know how to join textiles with appropriate stitching.</p>	<p>Textiles</p> <p>To know how to measure and mark out to the nearest mm. To know the term perimeter. To know how to apply appropriate cutting and shaping techniques that include cuts within the perimeter of the material (such as slots or cut outs). To know the term seam and how this links with perimeter and seam allowance. To know how to select the most appropriate techniques to decorate textiles.</p>	<p>Textiles</p> <p>To know and identify qualities of materials. To know how to use properties of materials to choose appropriate tools to cut and shape (such as the nature of the fabric may require, sharper scissors that what would be used to cut paper). To know the terms tactile and visual. To know how to use the qualities of materials to create suitable, visual and tactile effects in the decoration of textiles (such as soft decoration for comfort cushion).</p>	<p>Food</p> <p>To know the importance of correct storage and handling of ingredients. To know how to make links between biology and the knowledge of microorganisms. To know how to make links with ratio and proportion in maths. To know how to measure accurately and calculate ratios of ingredients to scale up or down from a recipe.</p>