



Curriculum Road Map – Morland Area C of E Primary School



Design Technology: Making a product

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Year 1:
With support, make their design.
Skills: Help with measure, marking out, cutting and shaping a range of materials, use tools safely (scissors/hole punch etc), assemble, join and combine materials and components together using a variety of temporary methods (glue, tape), use simple finishing techniques to improve their products appearance.

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Year 3:
Select tools and techniques for making their product and think about ideas and be willing to make improvements if needed.
Skills: Measure, mark out, cut and assemble components with more accuracy, work safely and accurately with simple tools, measure, tape or pin and cut and join fabric with some accuracy. Use finishing techniques to strengthen and improve product (including ICT).

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Year 4:
Select tools and techniques for making their product.
Skills: Measure, mark out, cut and shape materials using appropriate tools, join and combine materials accurately in temporary and permanent ways, sew using a range of different stitches, weave and knit, use simple graphical communication techniques.

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Nursery:
Understand what basic tools are and what their purpose is.
Skills: Use various construction materials, use available resources to create props or create imaginary ones to support play.

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Year 2:
Begin to select tools and materials using DT vocabulary to name and describe them.
Skills: Measure and cut with some accuracy, use hand tools safely, assemble, join and combine materials, cut, shape and join fabric to make a simple garment, use basic sewing techniques, choose and use appropriate finishing techniques.

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Reception:
Be able to say some basic tools and explore the use of these through play and structured learning.
Skills: use a variety of tools and materials to enhance their play and explore interest and develop their thinking, create representations of both real life and imaginary objects.

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Year 5:
Select tools and techniques for making their product more independently.
Skills: Measure and mark out accurately, use skills in using different tools and equipment safely and accurately, cut and join with accuracy to ensure a good-quality finish to the product.

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Year 6:
Select materials and use a variety of techniques when making their product independently and ensure appropriate tools are used. Assemble components to make working models. Achieve a quality product.
Skills: Use tools safely and accurately, construct products using permanent joining techniques, make modifications throughout the process, pin, sew and stitch materials together.

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