

DT – Knowledge and Skills Progression Grid

DT	Year 1 and 2	Year 3 and 4	Year 5 and 6
Developing, planning and communicating ideas.	<ul style="list-style-type: none"> • Generate ideas by drawing on their own and other people's experiences. • Develop their design ideas through discussion, observation, drawing and modelling. • Identify a purpose for what they intend to design and make. • Identify simple design criteria. • Make simple drawings and label parts. 	<ul style="list-style-type: none"> • Generate ideas, considering the purposes for which they are designing. • Make labelled drawings from different views showing specific features. • Develop a clear idea of what has to be done, planning how to use materials, equipment and processes, and suggesting alternative methods of making, if the first attempts fail. • Evaluate products and identify criteria that can be used for their own designs. 	<ul style="list-style-type: none"> • Communicate their ideas through detailed labelled drawings. • Develop a design specification. • Explore, develop and communicate aspects of their design proposals by modelling their ideas in a variety of ways. • Plan the order of their work, choosing appropriate materials, tools and techniques.
Working with tools, equipment, materials and components to make quality products (Including food)	<ul style="list-style-type: none"> • Begin to select tools and materials; use vocabulary to name and describe them. • Measure, cut and score with some accuracy. • Use hand tools safely and appropriately. • Assemble, join and combine materials in order to make a product. • Cut, shape and join fabric to make a simple garment. Use basic sewing techniques. • Follow safe procedures for food safety and hygiene. • Choose and use appropriate finishing techniques. 	<ul style="list-style-type: none"> • Select appropriate tools and techniques for making their product. • Measure, mark out, cut and shape a range of materials, using appropriate tools, equipment and techniques. • Join and combine materials and components accurately in temporary and permanent ways. • Sew using a range of different stitches, such as, weave and knit. • Discuss safe procedures for food safety and hygiene. 	<ul style="list-style-type: none"> • Select appropriate tools, materials, components and techniques. • Assemble components make working models. • Use tools safely and accurately. • Construct products using permanent joining techniques. e.g. weaving, appliqué, quilting. • Make modifications as they go along. • Pin, sew and stitch materials together create a product. • Achieve a quality product. • Weigh and measure accurately (time, dry ingredients, liquids). • Apply the rules for basic food hygiene and other safe practices e.g. hazards relating to the use of ovens. • Cut and join with accuracy to ensure a good quality finish to the product.
Evaluating processes and products.	<ul style="list-style-type: none"> • Evaluate against their design criteria. • Evaluate their products as they are developed, identifying strengths and possible changes they might make. • Talk about their ideas, saying what they like and dislike about them. 	<ul style="list-style-type: none"> • Evaluate their work both during and at the end of the assignment. • Evaluate their products carrying out appropriate tests. 	<ul style="list-style-type: none"> • Evaluate their products, identifying strengths and areas for development, and carrying out appropriate tests. • Record their evaluations using drawings with labels. • Evaluate against their original criteria and suggest ways that their product could be improved.