

DT progressive skills	EYFS	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5	Yr 6
<p>Skill development throughout year groups</p>	<ul style="list-style-type: none"> -Fine motorskills (holding pencil/ pressure of pencil- take a line for a walk/ holding a knife safely) -Using tools of their selection to build structures -To explore balance of materials -Use materials around them to layer, glue, cut, rip 	<ul style="list-style-type: none"> -use their knowledge of existing products and their own experience to help generate ideas as a group -explain how their products look and talk through drawings -select from materials, textiles and components according to characteristics -with help, assemble, join and combine materials -exploring how they can be made stronger, stiffer and more stable 	<ul style="list-style-type: none"> -use their knowledge of existing products and their own experience to help generate ideas -design products that have purpose -explain how their products look and talk through annotated drawings -understand and follow simple design criteria -select from a range of materials, textiles and components according to characteristics -with help assemble, join and combine materials -begin to use simple finishing techniques, such as decorations -explore and evaluate existing products mainly through discussions -exploring how they can be made stronger, stiffer and more stable 	<ul style="list-style-type: none"> -look at a range of existing products to help generate ideas -design appealing products with a purpose -explore different initial ideas as a group before coming up with final design -develop and follow a simple criteria -select tools and equipment and explain choices with growing confidence -place main stages of making in a logical order -measure and mark with growing confidence and growing accuracy -improve the final product -alter plans depending on feed back and improvements needed -evaluate their product against their original design -strengthen, stiffen and reinforce complex structures -explain how levers create movement 	<ul style="list-style-type: none"> -explore broad range of existing products to help generate ideas -design appealing products with a clear purpose -explain how particular parts of their products work -use annotated sketches to communicate ideas - explain choice of materials including functionality and aesthetic -develop and follow a simple criteria -carefully select a range of tools and equipment and explain choices with growing confidence -measure, cut, join and mark with growing confidence -use a finishing technique to improve the final product -explore and evaluate existing products, explaining the purpose of the product and whether it has been designed to meet the purpose -evaluate their product against their original design -understand that materials have both functional and aesthetic properties -strengthen, stiffen and reinforce complex structures 	<ul style="list-style-type: none"> -use research to inform and develop detailed design (innovative and appealing) -know of a broad range of existing products to generate ideas -explain how particular parts of their products work with annotated sketches -select from a range of tools and equipment; explaining their choices - create a guide -take measurements needed with growing precision and accuracy -shape and score with growing precision and accuracy -assemble, join, tape, pin, cut, shape and combine materials with growing accuracy-evaluate quality, manufacture and fitness for purpose of their finished product -evaluate their finished product against their original design criteria -apply their understanding of how to strengthen, stiffen and reinforce complex structures to create useful products 	<ul style="list-style-type: none"> -use research to inform and develop detailed design (innovative and appealing) independently and using a range of sources -know of a broad range of existing products to generate ideas -explain how particular parts of their products work with annotated and blown up sketches -select from a range of tools and equipment; explaining their choices - create a detailed step by step guide -take measurements needed accurately -cut a range of materials with growing mastery -shape and score with growing precision and accuracy -assemble, join, tape, pin, cut, shape and combine materials with growing accuracy -evaluate quality, manufacture and fitness for purpose of their finished product -evaluate their finished product against their original design criteria -apply their understanding of how to strengthen, stiffen and reinforce complex structures to create useful products