



## DT Toolkit Progression

| FS                                                                                                                                                                                                                                   | Y1                                                                                                                                                                                                                                                                                                                                                                       | Y2                                                                                                                                                                                                                                                                                                                                                                                           | Y3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Y4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Y5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Y6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
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| I know .....                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <ul style="list-style-type: none"><li>- the names and uses of different equipment</li><li>-how to experiment with different ways to build,construct and join a range of materials.</li><li>- what I like about what I made</li></ul> | <ul style="list-style-type: none"><li>-what they are making.</li><li>- the key features of a product by looking at an example</li><li>- how to draw my ideas</li><li>-which materials I will use</li><li>- how to select the materials and tools I need to make a product.</li><li>- how to cut and shape materials.</li><li>-if my product matches my design.</li></ul> | <ul style="list-style-type: none"><li>- what my product is used for</li><li>- how my product works.</li><li>-the differences between two similar products</li><li>- how to label features of my drawings</li><li>- how to join materials to make a product.</li><li>- which tools to use for certain purposes.</li><li>-how to use the views of others to improve my final product</li></ul> | <ul style="list-style-type: none"><li>-the purpose of my product.</li><li>- different groups who would use the product</li><li>- design features that will appeal to intended users.</li><li>- how to annotate my design</li><li>-add additional features such as joins/mechanisms</li><li>- the benefits to using certain materials.</li><li>-how to make accurate measurements</li><li>-how to form and join the sections of a product.</li><li>-if my product meets the brief</li></ul> | <ul style="list-style-type: none"><li>-the needs and wants of individuals or groups.</li><li>-which features to include for a target group</li><li>- how to show a different view of my design e.g front/back</li><li>- add accurate measurements</li><li>- how to decorate product to match design</li><li>-which material and tools to use to make my product</li><li>-how to measure/ join/secure effectively and safely</li><li>-how to critically evaluate a product using my own views and feedback and that of others.</li></ul> | <ul style="list-style-type: none"><li>-the common features of a range of products with the same purpose.</li><li>-How to adapt design for different audience</li><li>- how to adapt my product for different environment/user</li><li>-how to use colour, labels, measures accurately</li><li>- a range to of ways to join materials together</li><li>- how to use a range tools and equipment safely</li><li>- how to present a finished product with the design in mind</li><li>-how improvements could be made to make my product more effective.</li></ul> | <ul style="list-style-type: none"><li>-how to carry out research, using surveys and web-based resources to influence my design</li><li>- how to adapt a design for range of users</li><li>-how to develop ideas using annotated sketches, cross-sectional drawings and diagrams.</li><li>-Measure, mark, cut and shape materials appropriately.</li><li>- to select the correct tools to use and use them safely</li><li>-use a range of cutting/ joining/mechanisms to ensure my product matches my design</li><li>-how to evaluate the effectiveness of my own and other people's products in comparisons to design and brief</li></ul> |

