

## DT

### Age-Related Assessment Criteria

	Year 5	Year 6	Year 7	Year 8
<b>AO1 Designing</b>	<p>Can the pupil:</p> <ul style="list-style-type: none"> <li>Describe the use of their products.</li> <li>Make a list of what they want their product to be like.</li> <li>Label design ideas.</li> <li>Say how their product will work.</li> </ul>	<p>Can the pupil:</p> <ul style="list-style-type: none"> <li>Carry out research to identify needs and preferences of target groups.</li> <li>Use design criteria to inform ideas through drawing and labelling.</li> <li>Take account of materials and time when designing.</li> </ul>	<p>Can the pupil:</p> <ul style="list-style-type: none"> <li>Use research including the study of different cultures, to identify and understand user needs.</li> <li>Develop own design criteria understanding the needs of a target group and use these to inform ideas through drawing and labelling</li> <li>Identify and solve their own design problems</li> <li>Begin to use CAD to present their ideas</li> </ul>	<p>Can the pupil:</p> <ul style="list-style-type: none"> <li>Develop own design criteria taking account of environment, time, resources and cost.</li> <li>Consider ergonomics and anthropometrics</li> <li>Produce realistic design ideas and use labelling to show thinking.</li> <li>Use CAD/CAM to model and test ideas</li> </ul>
<b>AO2 Making</b>	<p>Can the pupil:</p> <ul style="list-style-type: none"> <li>Understand the functional and aesthetics properties of materials.</li> <li>Choose tools and materials and explain why they chose them.</li> <li>Put in order the stages of making.</li> <li>Make a good quality product safely.</li> </ul>	<p>Can the pupil:</p> <ul style="list-style-type: none"> <li>Choose tools, techniques and materials and say why they have chosen them.</li> <li>Formulate a step-by-step plan as a guide to making.</li> <li>Make a quality product safely.</li> <li>Demonstrate resourcefulness when tackling practical problems.</li> </ul>	<p>Can the pupil:</p> <ul style="list-style-type: none"> <li>Produce ordered sequences detailing the resources required.</li> <li>Choose a wider range of materials to make their product by thinking what will be suitable to use.</li> <li>Make a high quality product safely applying finishing techniques.</li> </ul>	<p>Can the pupil:</p> <ul style="list-style-type: none"> <li>Choose a wider range of materials to make their product.</li> <li>Accurately measure, cut and shape my product to make a high quality product safely.</li> <li>Recognise when it is necessary to develop a new skill or technique</li> </ul>
<b>AO3 Evaluation</b>	<p>Can the pupil:</p> <ul style="list-style-type: none"> <li>Recognise what they have done well during making and suggest things that could be done better.</li> <li>Refer to their design criteria when evaluating their completed products.</li> </ul>	<p>Can the pupil:</p> <ul style="list-style-type: none"> <li>Compare what they have made with others work and say what could be improved.</li> <li>Evaluate their ideas and products against their design specification.</li> </ul>	<p>Can the pupil:</p> <ul style="list-style-type: none"> <li>Evaluate against design criteria and involve others in the testing of their product.</li> <li>Identify ways of improving their product.</li> <li>Understand the impact that products can have in the wider world.</li> </ul>	<p>Can the pupil:</p> <ul style="list-style-type: none"> <li>Select appropriate methods to evaluate their products to and modify them to improve performance.</li> <li>Evaluate the design, manufacture and if the product works.</li> <li>Say how and why they need to improve their product</li> </ul>