

# Parents' guide to controlled assessment – RESISTANT MATERIALS

<b>How much is it worth?</b>	<b>What has to be done?</b>	
<p>The controlled assessment element of the Resistant Materials course is now known as:</p> <p>Unit 1: Creative Design &amp; Make activities.</p> <p>100 marks are awarded: Design - 50 marks Make - 50 marks</p> <p>Unit 1 is worth 60% of the final GCSE mark.</p>	<p>Students are expected to spend 40 hours completing either a linked activity (combined design &amp; make) or separate activities (design 1 product, make another).</p> <p>In each case the tasks are broken up into smaller parts with specific time being allocated during lessons to complete each section:</p> <p><b>Design</b></p> <p>Investigate</p> <ul style="list-style-type: none"> <li>• Analyse the brief (1hr)</li> <li>• Research (3hrs)</li> <li>• Specification (1hr)</li> </ul> <p>Design</p> <ul style="list-style-type: none"> <li>• Initial ideas (5-6hrs)</li> <li>• Review (1hr)</li> <li>• Communication (evidenced throughout)</li> </ul> <p>Develop</p> <ul style="list-style-type: none"> <li>• Development (5-6hrs)</li> <li>• Final design (1-2hrs)</li> </ul> <p><b>Make</b></p> <p>Plan</p> <ul style="list-style-type: none"> <li>• Production plan (1-2hrs)</li> </ul> <p>Make</p> <ul style="list-style-type: none"> <li>• Quality of manufacture + Quality of outcome (16hrs)</li> <li>• Health &amp; Safety (evidenced throughout)</li> </ul> <p>Test &amp; evaluate</p> <ul style="list-style-type: none"> <li>• Testing &amp; evaluation (1-2hrs)</li> </ul>	
<b>When is it done?</b>	<b>Can parents help their children?</b>	<b>If the mark is low, can it be re-done or improved?</b>
<p>Firstly; The pupils complete a controlled 'make' unit during the Spring and Summer term, Yr 10.</p> <p>Secondly; A combined design and make controlled assessment activity begins towards the end of the Summer term of Yr 10 and continues through the Autumn and Spring terms of Yr 11.</p> <p>Students then choose their best 'making' mark for submission together with the 'designing' mark.</p>	<p>Students must produce their work individually. With the exception of <i>research</i> all development of the student's design folder and manufacture of the product(s) must take place under controlled conditions. Students will be informally supervised by a teacher at all times. Research notes may be collected outside of the classroom at any time but the write up of these notes must take place under the same supervised conditions.</p>	<p>Teachers are allowed to provide regular formative feedback throughout the creative design process. This gives the students the opportunity to improve their work before final submission.</p> <p><i>Once submitted students are able to resit exams only once and the best available mark will count towards their final grade.</i></p>