

# Year 11 Design Technology Curriculum

Spring Term 2018-19



Curriculum Content	Assessment	What homework will they have?	I'm not an expert, so how can I help?
<p><b>What will my child be studying this term?</b></p> <ul style="list-style-type: none"><li>• How can we manufacture an item to a professional standard?</li><li>• What are the benefits of testing an item?</li><li>• How can we use testing to the specification to further improve an item?</li><li>• How can we modify a one-off design to make it suitable for mass-production?</li></ul>	<p>Practical work deadline (29th March)</p> <p>Testing and evaluation (Non-Examination Assessment final deadline) (12th April)</p>	<p>Students are expected to spend at least 2 hours on their controlled assessment work either after school or at home.</p> <p>Students will be expected to add to design and development at home and this would provide an ideal opportunity to share this work and the learning taking place in lessons.</p> <p>Upon completion of the controlled assessment students will undertake practice examination questions.</p>	<p>Encourage your child to share their work with you. Act as a client to provide feedback to help them to develop their design ideas.</p>
<p><b>Content covered:</b></p> <p>Students will study the areas of materials, design criteria, manufacturing processes and quality control through the Controlled Assessment, focused tasks and examination questions.</p>			
<p><b>Literacy and numeracy:</b></p> <p>The Controlled Assessment consists of a design portfolio. Written work is a key element of communication through the writing of a specification and annotation of design and development work. Strategies to assist with this will be employed.</p>			
<p><b>What can I do to help my child?</b></p> <p>Students are working to develop designs that are aimed at specific target market. Discussing your child's work with them and in particular helping them to evaluate their ideas would be useful.</p> <p>Encourage your son/ daughter to look at some of the supporting materials shown below.</p> <p>Discussion about what influenced you to purchase certain products would be useful this term.</p>			
<p><b>Additional resources and details of core texts used:</b></p> <p><a href="http://www.technologystudent.com/">http://www.technologystudent.com/</a> provides a lot of information about materials, processes and wider engineering concepts.</p>			
<p><b>Where can I get more advice?</b></p> <p>Mr D Bartlett (Resistant Materials Curriculum Leader) – <a href="mailto:dbartlett@stratfordschool.co.uk">dbartlett@stratfordschool.co.uk</a>. Please include the name of your child's teacher so the message can be forwarded appropriately.</p>			