

Subject	Year	Specialism
Design and Technology	Year 11	Product Design
<b>Project</b>		
Preparation for the exam		
<b>Content (Intent)</b>		
<b>Prior Learning: AQA content taught throughout Y10, Y10/Y11 mock revision</b>		
<p>This term is solely focused on getting the students ready for their GCSE exam. They will start study leave in May but up until they leave all lessons will be dedicated to recapping the key topics that come up in their exam.</p>		
<b>Future Learning: AQA Product Design A Level</b>		
<b>How will knowledge and skills be taught (Implementation)</b>		<b>How will your understanding be assessed &amp; recorded (Impact)</b>
<p><b>Topics to be implemented within lessons and homework's:</b>            New and Emerging Technologies            Energy, Materials and Systems            Materials and Their Working Properties            Technical principles            Selected Material            Designing Principles            Making Principles</p> <p>The students will learn <b>about and how to:</b>            -Apply previous knowledge learnt across the last two years            -Develop skills analysis and evaluation            -Further develop their understanding of the curriculum for GCSE Design and Technology            -Develop and strengthen their approach to long mark questions            -Be independent with the creation of revision resources to be used in preparation for the exam.</p> <p>These skills will be taught and developed through teacher led revision lessons, demonstrations, creating resources, homework tasks, practice questions and past papers.</p>		<p><b>Assessment</b>            As it is a short term for Y11 with them leaving for study leave, the majority of assessment will be verbal feedback during lessons and practice exam questions set both within class time and as homework tasks.</p> <p>Any practice exam questions that are marked will be graded in line with AQA assessment criteria</p> <p>Practice questions and feedback will be centred around these topics:            New and Emerging Technologies            Energy, Materials and Systems            Materials and Their Working Properties            Technical principles            Selected Material            Designing Principles            Making Principles</p> <p>Which fall with the three main sections of the GCSE exam:            Core technical principles            Specialist technical principles            Designing and Making principles</p>
<b>How can parents help at home?</b>		
<p>Encourage time spent on revision outside of lesson time using the revision resources given to the students on the VLE. Keep an eye on the VLE for homework tasks and help students where you can with the completion of work. When study leave starts ensuring students are continuing with revision and preparing for the exam.</p>		
<b>Helpful further reading/discussion (including Reading and Vocabulary Lists)</b>		
<p><b>Reading</b>  <a href="http://www.technologystudent.com">www.technologystudent.com</a>  <b>VLE D&amp;T GCSE PD page</b>  <b>CGP - GCSE AQA Design &amp; Technology</b>  <b>BBC Bitesize</b></p>	<p><b>Vocabulary</b>            Anthropometrics, CAD/CAM, composite, ferrous, FMS, Production aid, technical processes, thermoforming, thermosetting, planned obsolescence, quality control, finite, non-finite, synthetic, manufacturing methods and properties</p>	<p><b>Careers Links</b>            Product Design            Engineering            Architecture            Graphic Design            Branding and marketing            Project Management            Eco-design</p>