



Subject		Year	Term
Design and Technology		7	1
Topic			
Design and Technology			
Content (Intent)			
Prior Learning (Topic)		KS2 (Primary National Curriculum)	
<p>Students will have an introduction to D&T including Safety, Graphical Techniques, Materials and Design Matters Pupils will focus on three main areas – Woods, metals and plastics. They will learn the theory behind the different categories and properties of the materials as well as design and make three products based on the three material categories</p>			
Future Learning (Topic)		Year 8 D&T	
What Knowledge and Skills will be taught (Implementation)		How will your understanding be assessed & recorded (Impact)	
<p>The students learn the importance of safe working practices and good organisation. The aims are to:</p> <ul style="list-style-type: none"> • Introduce the students to the workshop • Recognise the need for rules to establish safe working practices • Emphasise the importance of good organisation • Students start to understand what it is to be a designer • Drawing and communications skills are developed • Students learn about the nature of the materials and the tools and equipment used in the subject 		<p><u>Assessment</u> Throughout the unit students will be introduced to the sub-skills of designing, which they will employ to solve the assessed design tasks. Each unit is individually assessed through teacher assessment and the final end of year level and report is based on all work complete. Main areas of assessment –</p> <p>Identification of a problem Design development Making Evaluating Subject knowledge and understanding</p>	
How can parents help at home?			
<p>Students will be given homework every week and must complete this work in their exercise books. Encourage students to watch documentaries such as “In the Factory” and “War on Plastics”</p>			
Helpful further reading/discussion (including Reading and Vocabulary Lists)			
<p>Reading</p> <p>www.technologystudent.com Watch “In The Factory” and “War on Plastics” on BBC Iplayer</p>		<p>Vocabulary Lists</p> <p>Wood Metal Plastic Isometric Perspective Rendering Line bending Casting</p>	