












<p>6th Form Preparation work for Design and Technology</p> <p>Product Design</p> <p>Choose 5 tasks</p> 	 <p>Watch these brief introductions to the Industrial Revolution – consider the main developments that made it so successful.</p> <p> How do you think things would be today without these developments? What do you think were the main Inventions before this time?</p> <p>The Industrial Revolution (18th- 19th C) The Industrial Revolution BBC The Industrial Revolution - Overview <i>Youtube Video</i> Time: 25 mins</p>	 <p>Read what Wiki says about the Great Exhibition of 1851 then..</p> <p>Read through the catalogue of products on display in the Great Exhibition. (look through each section briefly)</p> <p> Consider how the contents (p21) on display at an exhibition today would differ from those in 1851.</p> <p>Wiki – Great Exhibition Great Exhibition Catalogue <i>Archive Document</i> Time: 1hr</p>	 <p>Listen to this podcast about the Great Exhibition –</p> <p> Make a list of the main reasons for its introduction.</p> <p>A History in our time <i>BBC In Our Time podcast(youtube link)</i> Time: 45mins</p>
 <p>Watch these videos showing how the industrial revolution changed how products were designed at the start of the 20th Century and how it started a range of Design Movements that influenced ‘the designer’.</p> <p>Arts and Crafts Movement Graphic Design Art Nouveau Art Deco</p> <p><i>Youtube Videos</i> Time: 1hr</p>	 <p>Complete a design page of ideas for a chair based on the Arts and Crafts Movement – Include at least 6 different designs.</p> <p>You may decide to do some research first.</p> <p>Look at the last sections video at approx. 4:16s for inspiration.</p> <p>Time: 2hrs</p>	 <p>Complete a final rendered Design for your chosen chair from the last section. Include an accurate 3D drawing of your final design. Label all materials and joining techniques.</p> <p>Include details of materials and joints from the around the turn of the century 1880s-1920s. (Research this)</p> <p>TOP TIP: Investigate using Isometric crating to help.</p> <p>Isometric Crating</p> <p>Time: 1hr 50 mins</p>	 <p>Watch the TED talk which looks at how the future will change and how things like creativity, imagination and technology will be key in its success</p> <p>Artificial Intelligence... the future</p> <p><i>TED Talks – Kwame Anthony Appiah</i> Time: 40m</p> <p>Just for fun The future of Drones Amazing Drones Time: 20m</p>

FOCUS : HOW DESIGN HAS CHANGED OUR LIVES