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| <p><b>6<sup>th</sup> Form Preparation work for Design and Technology</b></p> <p><b>Product Design Choose 5 tasks</b></p>                                                                                                                                                                                                                                                                                                                    |  <p><b>Watch</b> these brief introductions to the Industrial Revolution – consider the main developments that made it so successful.</p> <p><b>?</b> How do you think things would be today without these developments? What do you think were the main Inventions before this time?</p> <p><a href="#">The Industrial Revolution (18<sup>th</sup>- 19<sup>th</sup> C)</a><br/> <a href="#">The Industrial Revolution BBC</a><br/> <a href="#">The Industrial Revolution - Overview</a><br/> <i>Youtube Video</i><br/> <b>Time: 25 mins</b></p> |  <p><b>Read</b> what Wiki says about the Great Exhibition of 1851 then..</p> <p><b>Read</b> through the catalogue of products on display in the Great Exhibition. ( look through each section briefly)</p> <p><b>?</b> Consider how the contents (p21) on display at an exhibition today would differ from those in 1851.</p> <p><a href="#">Wiki – Great Exhibition</a><br/> <a href="#">Great Exhibition Catalogue</a><br/> <i>Archive Document</i><br/> <b>Time: 1hr</b></p> |  <p><b>Listen</b> to this podcast about the Great Exhibition –</p> <p><b>M</b>ake a list of the main reasons for its introduction.</p> <p><a href="#">A History in our time</a><br/> <i>BBC In Our Time podcast(youtube link)</i><br/> <b>Time: 45mins</b></p>                                                                                                                                                                      |
|  <p><b>Watch</b> these videos showing how the industrial revolution changed how products were designed at the start of the 20<sup>th</sup> Century and how it started a range of Design Movements that influenced ‘the designer’.</p> <p><a href="#">Arts and Crafts Movement</a><br/> <a href="#">Graphic Design</a><br/> <a href="#">Art Nouveau</a><br/> <a href="#">Art Deco</a></p> <p><i>Youtube Videos</i><br/> <b>Time: 1hr</b></p> |  <p><b>Complete</b> 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><b>Time: 2hrs</b></p>                                                                                                                                                                                                                                                    |  <p><b>Complete</b> 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><b>TOP TIP:</b> Investigate using Isometric crating to help.</p> <p><a href="#">Isometric Crating</a></p> <p><b>Time: 1hr 50 mins</b></p>                 |  <p><b>Watch</b> 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><a href="#">Artificial Intelligence... the future</a></p> <p><i>TED Talks – Kwame Anthony Appiah</i><br/> <b>Time: 40m</b></p> <p><b>Just for fun</b><br/> <a href="#">The future of Drones</a><br/> <a href="#">Amazing Drones</a><br/> <b>Time: 20m</b></p> |

**FOCUS : HOW DESIGN HAS CHANGED OUR LIVES**