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| **6th Form Preparation work for**  **Design and Technology**  **Summer 2022** | **Watch** these brief introductions to the Industrial Revolution – consider the main developments that made it so successful.  See the source imageHow do you think things would be today without these developments. What do you think were the main Inventions before this time.  [The Industrial Revolution (18](https://youtu.be/xLhNP0qp38Q)[th](https://youtu.be/xLhNP0qp38Q)[- 19](https://youtu.be/xLhNP0qp38Q)[th](https://youtu.be/xLhNP0qp38Q) [C)](https://youtu.be/xLhNP0qp38Q)  [The Industrial Revolution BBC](https://youtu.be/x9BdVHCuNPs)  [The Industrial Revolution - Overview](https://youtu.be/nl_-6WPQ4Sg)  *Youtube Video*  ***Time: 25 mins*** | **Read** what Wiki says about the Great Exhibition of 1851 then..  **Read**  through the catalogue of products on display in the Great Exhibition. ( look through each section briefly)  See the source imageConsider how the contents (p21) on display at an exhibition today would differ from those in 1851.  [Wiki – Great Exhibition](https://en.wikipedia.org/wiki/Great_Exhibition)  [Great Exhibition Catalogue](https://archive.org/details/officialcatalog06unkngoog/page/n20/mode/2up)  *Archive Document*  ***Time: 1hr*** | **Listen** to this podcast about the Great Exhibition –  Make a list of the main reasons for its introduction.  [A History in our time](https://youtu.be/dkkQBj1O2vQ)  *BBC In Our Time podcast(youtube link)*  ***Time: 45mins*** |
| **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’.  [Arts and Crafts Movement](https://youtu.be/tYjNO2Y4m6c)  [Graphic Design](https://youtu.be/Nfp7z2-f9Lw)  [Art Nouveau](https://youtu.be/uGc9VtFF3rA)  [Art Deco](https://youtu.be/GWkovUon8ZY)  *Youtube Videos*  ***Time: 1hr*** | **Complete** a design page of ideas for a chair based on the Arts and Crafts Movement – Include at least 6 different designs.  You may decide to do some research first.  Look at the last sections video at approx. 4:16s for inspiration.  ***Time: 2hrs*** | **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.  Include details of materials and joints from the around the turn of the century 1880s-1920s. (Research this)  **TOP TIP:** Investigate using Isometric crating to help.  [Isometric Crating](https://youtu.be/Or-rOJq7IME)  ***Time: 1hr 50 mins*** | **Watch** the TED talk which looks at how the future will change and how things like creativity, imagination and technology with be key in its success  [Artificial Intelligence… the future](https://youtu.be/dRw4d2Si8LA)  *TED Talks – Kwame Anthony Appiah*  ***Time: 40m***  ***Just for fun***  [The future of Drones](https://youtu.be/u2bQSKvZ2qI)  [Amazing Drones](https://youtu.be/RCXGpEmFbOw)  ***Time: 20m*** |

FOCUS : HOW DESIGN HAS CHANGED OUT LIVES