



Cotswold Edge Sixth Form



Subject:	D&T Product Design @ BGS	Assessment Point 1 - Coursework
Title of the project:	Designer Research and Flat Pack Designing	
Due date:	First lesson back September 2018	
Learning skills and their place in the specification	<p>Design Influences Students should be aware of, and able to discuss, how key historical design styles, design movements and influential designers have helped to shape product design and manufacture. Students should be aware of, and be able to discuss, the work of influential designers and how their work represents the principles of different design movements.</p> <p>Development of Design Prototypes Students must demonstrate significant complexity or challenge throughout the production of prototype(s). Students must demonstrate excellent manufacturing skills combined with an excellent understanding of the need for dimensional accuracy and precision.</p>	
Specification link	http://filestore.aqa.org.uk/resources/design-and-technology/specifications/AQA-7552-SP-2017.PDF	
Tasks set	<p>1. Imagine you have been approached by a leading design magazine to write an article on the influences and effect on society of a particular 20th /21st Century designer. Your article must be written using ICT in the style of a design magazine or presentation board and be creative, interesting and informative to read. You will be graded on the graphic presentation as well as the content. The work will be displayed in the DT Atrium to provide inspiration for younger students. Make reference to at least 3 key products designed by the designer. Your article should also include:</p> <ul style="list-style-type: none">• information about the designer• where and when they lived• the main materials they worked with• in what ways their designs have influenced society• and much more... <p>Suggested designers to research are included on the next page. Your work should be no more than 3 X A3 pages and no less than 1 side of A3</p> <p>2. Design and model an item of flat pack furniture for use at home. Produce at least 3 designs drawings (2D or 3D) of your design ideas and a card model of your chosen design.</p>	
How this links to the exam specification	As Part of A-Level Product Design you are expected to have an understanding of the following issues and be able to answer questions about these topics in the exams:-	

	<p>Designers and their work Students should be aware of, and be able to discuss, the work of influential designers and how their work represents the principles of different design movements, including: Phillipe Starck, James Dyson, Margaret Calvert, Dieter Rams, Charles and Ray Eames and Marianne Brandt</p> <p>The use of Fixings / Wood Processes Students should be aware of how timber can be joined to form different products. They should be able to describe the different methods. They should be able to explain the suitability of the different joining methods for a range of specific products and scales of production, including: addition/fabrication processes, knock down (KD) fittings, wood screws, nuts and bolts, coach bolts.</p> <p>Prototype Development Students should be aware of, and able to discuss and demonstrate the development of a prototype from design proposals.</p>
How to complete the task:	<p>Task 1: This will be completed using selective internet and magazine research. You will need to look at a range of design magazines or/or their associated websites (see links below). Take note of how the articles and graphic design of the online magazines are laid out, and the typical fonts and colours that are used. You will need to recreate this in your work. The way your work is presented is just as important as what you write, however be sure to use lots of images and innovative graphic design work if you want to impress. Please use Publisher or PowerPoint to present your work (or other graphic packages if you are familiar with them). Do not use Word – this will not allow for a creative and professional design.</p> <p>Task 2: Use the links below to expand your knowledge of flat pack furniture. The second link is full of potential starting points for your research including ‘Standard Components’ and ‘International Art Movements’.</p>
Resources or links	<p>Task 1: http://www.iconeye.com/ http://www.wallpaper.com/ http://www.designboom.com/ http://www.designcurial.com/aboutus/blueprint-home-page.html</p> <p>Task 2: http://www.ikea.com/gb/en/ http://www.technologystudent.com/prddes1/prddex1.html</p>
Staff contact and email address:	Mr J Marsh – jmarsh@brimsham.com
Number of learning hours it will take to complete	<p>Task 1: 6 hours</p> <p>Task 2: 6 hours</p>

- Phillipe Starck
- James Dyson
- Margaret Calvert
- Dieter Rams
- Charles and Ray Eames
- Marianne Brandt
- George Nelson
- Ludwig Mies Van De Rohe
- Arne Jacobsen
- Bethan Gray
- Kenneth Grange
- Marc Newson
- Ross Lovegrove
- Karim Rashid
- Michael Sodeau
- Alberto Meda
- Sharon Marston
- Tom Dixon
- Thomas Heatherwick
- James Irvine
- Stefano Giovannoni
- Antonio Citterio
- Ron Arad
- Eero Saarinen
- Jonathan Ive
- Campagna Brothers
- Jasper Morrison
- Michael Graves
- Sir Norman Foster
- Zaha Hadid
- Alberto Alessi

