


















## SUPER-CURRICULAR ACTIVITIES

### GCSE: Design & Technology Years 10 & 11

 Research why children toys are made from beech and flat pack furniture made from chipboard.	 Write a report about the views of using <b>nuclear power</b> to generate energy.	 Design a multifunctional product for the home in the style of Ettore Sottsass.
 Create revision cards on the different categories of timber. You should include information on the appearance, uses and characteristics.	 Research the Alessi brand and create a PowerPoint slide presentation with examples of products made by the company.	 Read the article link below on built-in obsolescence, 'Why is it so hard to recycle or repair anything?' Follow <b>Link 1</b> (below)
 Watch the video on BBC Bitesize about the developments in new materials. Follow <b>Link 2</b> (below)	 Research the four main types of scale of production for manufacture and list examples of products for each method.	 Look around your home for any timber products. Can you identify the finishes and/or surface treatments used on the products?
 Using your Tinkercad account complete one of the following tutorials: Lessons: Chess Pawn or Ruler-Cm; Projects: Introduction to 3D primitive shapes.	 Create a top tips list for using a range of different workshop equipment and tools. In your tips you must include health and safety points.	 Create a top tips list for using a range of different workshop equipment and tools. In your tips you must include health and safety points.
 Read notes on the impact of enterprise. Ensure you understand the terms: <ul style="list-style-type: none"> <li>• Crowdfunding;</li> <li>• Virtual marketing and retail;</li> <li>• Cooperatives;</li> <li>• Fairtrade.</li> </ul> Follow <b>Link 3</b> (below)	 Create a survey that can be completed by your ten of your peers in class using Microsoft Forms. Present your results visually and summarise what you have learnt from the survey.	 When Coronavirus restriction permit, make a visit to one of the London museums below: <ul style="list-style-type: none"> <li>• The Design Museum</li> <li>• Tate Modern</li> <li>• Victoria &amp; Albert Museum</li> </ul>

#### Links to websites used in this Super-Curricular GCSE Activities sheet:

Link 1: <https://www.bbc.co.uk/news/business-38472652>

Link 2: <https://www.bbc.co.uk/bitesize/guides/zfq8jty/video>

Link 3: <https://www.bbc.co.uk/bitesize/guides/zn4bcj6/revision/2>

	Reading task		Creative task		Watching task		Student-led task
	Research task		Writing task		Listening task		Trip or visit