

Year 11 week-by-week curriculum overview 2020-21

Wk	Date	NEA Focus for the 50% project	Focus of revision lessons	Homework focus	Additional recommended revision task to support & extend homework
9	2.11.20	Designing: <ul style="list-style-type: none"> sketching modelling testing evaluation of work.	Material properties	Developments in new materials 3.1.3 Further research and investigation that is specifically relevant to the 'coursework/NEA' project	<ul style="list-style-type: none"> Reflecting on and revisiting knowledge of: <ul style="list-style-type: none"> properties property modification stock sizes. Discussion of scales of production. Modification of idea in order to make quantity produce part of the product. Understanding stock sizes and applying this knowledge.
10	9.11.20	As above	Selection of materials or components 3.2.1	Materials and their working properties 3.1.6	Past exam papers/questions
11	16.11.20	As above	Communication of ideas 3.3.5	Mock exam revision – following the revision list topics and using the Revision Book.	Past exam papers/questions
12	23.11.20	Manufacturing specification/working drawings	Communication of ideas 3.3.5	Mock exam revision – following the revision list topics and using the Revision Book.	Past exam papers/questions
13	30.11.20		The six Rs Ecological issues in design and manufacture	Refocus on the mock exam and develop areas where knowledge was lacking – individual targeted tasks	<ul style="list-style-type: none"> Recall of the six Rs (Reduce, Refuse, Re-use, Repair, Recycle and Rethink) Introduction to the idea of products having a carbon footprint, understanding what adds to this footprint – case study of the mobile phone to demonstrate a real-life application. Self and peer evaluation of MP3/docking station proposals against the six Rs and possible carbon footprint that could incur.
14	7.12.20	The preparation and application of surface treatments and finishes Quality control	Surface treatments and finishes 3.2.9	Refocus on the mock exam and develop areas where knowledge was lacking – individual targeted tasks	<ul style="list-style-type: none"> Explanation of key terms – working properties, physical properties. Match up activity of three categories. Cards showing product image to be matched with card stating material name to be matched with card listing properties.
15	14.12.20	Types of forces and reinforcing materials			<ul style="list-style-type: none"> Key forces defined and explained.

