

Year	Block 1	Block 2	Block 3	Block 4	Block 5	Block 6
7	<p>Topic: Sea life Pewter Jewellery</p> <p>Focus: Health & Safety Induction. Research into sea life & jewellery. Design ideas.</p>	<p>Topic: Sea life Pewter Jewellery</p> <p>Focus: Development of ideas. Making moulds and casting. Tools & processes theory.</p>	<p>Topic: Sea life Pewter Jewellery</p> <p>Focus: Making (finishing & polishing). Consideration of costings Testing & evaluation.</p>	<p>Topic: Door Hanging Signage</p> <p>Focus: Making door hanger 'blank'. Investigation into potential user. Design Ideas (user centred designing).</p>	<p>Topic: Door Hanging Signage</p> <p>Focus: Design development Use of templates. Making design additions. Use of increased range of tools and equipment.</p>	<p>Topic: Door Hanging Signage</p> <p>Focus: Making final door hangers. CAD/CAM additions. Decorating and finishing techniques.</p>
8	<p>Topic: Custom Clock</p> <p>Focus: Health & Safety Refresher. Making basic clock frame. Planning, tools & processes theory.</p>	<p>Topic: Custom Clock</p> <p>Focus: Making basic clock frame. Planning, tools & processes theory. Design ideas for customisation</p>	<p>Topic: Custom Clock</p> <p>Focus: Making customised pieces. Assembly & Finishing techniques. Testing & evaluation.</p>	<p>Topic: Aluminium Bird Feeder</p> <p>Focus: Investigating engineering Investigating metals. Marking, drilling, folding aluminium. Tools & processes theory.</p>	<p>Topic: Aluminium Bird Feeder</p> <p>Focus: Investigating polymers. Thermoforming (vacuum forming). Tools & processes theory.</p>	<p>Topic: Aluminium Bird Feeder</p> <p>Focus: Assembly and finishing techniques. Testing and evaluation. Biomimicry investigation and designing.</p>
9	<p>Topic: Timber—Samples Box</p> <p>Focus: Health & Safety Refresher. GCSE course introduction. Timber, 'raw material to stock forms'. Marking out techniques. Making basic box, wood joining techniques.</p>	<p>Topic: Timber—Samples Box</p> <p>Focus: Soft woods, Hard woods, Manufactured boards. Finishing and assembly of box. Materials, tools & processes theory. <u>Revision: Seneca learning' online platform.</u></p>	<p>Topic: Polymers—Phone Holder</p> <p>Focus: Polymers, 'raw material - stock forms'. Design ideas, modelling. Materials, tools & processes theory. <u>Revision: Seneca learning' online platform.</u></p>	<p>Topic: Polymers—Phone Holder</p> <p>Focus: Plastic production processes. Iterative designing. Cutting/shaping/forming plastics and associated materials. Assembly and finishing. <u>Revision: Seneca learning' online platform.</u></p>	<p>Topic: Iterative Design 'Illumination'</p> <p>Focus: Iterative Designing. Investigation, work of others. Ideas and development. Modelling, iteration. <u>Revision: Seneca learning' online platform.</u></p>	<p>Topic: Iterative Design 'Illumination'</p> <p>Focus: Iterative Designing Further modelling, making. Assembly and finishing Testing & evaluation. <u>Revision: Seneca learning' online platform.</u></p>
10	<p>Topic: Flat Pack Furniture</p> <p>Focus: Materials, tools & processes theory. Quantity production. Marking out, making components. Assembly, finishing, packaging.</p>	<p>Topic: Iterative Design</p> <p>Focus: Ergonomics & Anthropometrics. Tolerance in manufacturing. Designing for a target market. CAD design & modelling Planning for making. Quality control measures.</p>	<p>Topic: Sustainable Design</p> <p>Focus: Industrial production. Sustainability design/make challenge. <u>Revision: Seneca learning' online platform.</u> <u>CGP Guides/exam workbooks.</u></p>	<p>Topic: Technical Drawing / Modelling Skills</p> <p>Focus: Perspective & Isometric. Orthographic drawing. Modelling challenge, limited materials. <u>Revision: Seneca learning' online platform.</u> <u>CGP Guides/exam workbooks.</u></p>	<p>Topic: Combining Materials</p> <p>Focus: Making using wood/metal/polymers/paper & boards. Industrial production processes. Assembly, finishing, decorating. <u>Revision: Seneca learning' online platform.</u> <u>CGP Guides/exam workbooks.</u></p>	<p>Topic: Exam Revision / Non Exam Assessment (NEA).</p> <p>Focus: Finishing off project work from year. Pre public exam revision. NEA tasks released: Analysis/preparation. <u>Revision: Seneca learning' online platform.</u> <u>CGP Guides/exam workbooks.</u></p>
11	<p>Topic: Non Exam Assessment (NEA—100 marks total)</p> <p>Focus: NEA introduction, assessment criteria. A: Investigation (10 marks) B: Brief & Specification (10 marks) <u>Revision: Seneca learning' online platform.</u> <u>CGP Guides/exam workbooks.</u></p>	<p>Topic: Non Exam Assessment (NEA—100 marks total)</p> <p>Focus: C: Generating Ideas (20 marks) Mock Exam Preparation. <u>Revision: Seneca learning' online platform.</u> <u>CGP Guides/exam workbooks.</u></p>	<p>Topic: Non Exam Assessment (NEA—100 marks total)</p> <p>Focus: D: Developing Ideas (20marks) E: Realising Ideas: Making (20 marks) <u>Revision: Seneca learning' online platform.</u> <u>CGP Guides/exam workbooks.</u></p>	<p>Topic: Non Exam Assessment (NEA—100 marks total)</p> <p>Focus: E: Realising Ideas: Making (20 marks) F: Testing & Evaluation (20 marks) <u>Revision: Seneca learning' online platform.</u> <u>CGP Guides/exam workbooks.</u></p>	<p>Topic: Formal Exam Revision</p> <p>Focus: 'Core Technical Principles' 'Specialist Technical Principles' 'Designing & Making Principles' <u>Final Exam (22/05/20)</u></p>	