

Week	Content	Completed?
		Y / N      EFFORT
1&2	<p>Lesson 1</p> <ul style="list-style-type: none"> <li>• Starter question: Smart Materials, see Smart Materials PP for 1 mark question</li> <li>• Review of NEA progress—tracker and self assessment of Section A, B, C</li> <li>• <b><u>Introduction of Section D, CAD, Presentation drawings, modelling, cutting lists, materials lists and testing, orthographic projection, flow chart—refer to these each lesson</u></b></li> <li>• Continuation of NEA—Sections A, B, C, D &amp; F in flow</li> </ul> <p><i>Homework 1: Make improvements identified in self assessment to ensure you are at least on target for your NEA</i></p> <p><i>Challenge: using the self-assessment help guide—improve your work to one grade above</i></p> <p><i>Further Challenge: write yourself targets and ensure you are familiar with the assessment criteria for Section C&amp;D</i></p> <p>Lesson 2</p> <ul style="list-style-type: none"> <li>• FULL REVISION LESSON</li> <li>• Orthographic Drawing</li> <li>• Communication of Design ideas, how and when to use different types of drawings</li> </ul> <p>Lesson 3</p> <ul style="list-style-type: none"> <li>• Starter question—</li> <li>• Homework due: tracker updated</li> <li>• Continuation of NEA—Sections A, B, C, D &amp; F in flow</li> </ul> <p><i>Homework2: Research Design Strategies—Pre-learning task, minimum 2</i></p> <p><i>Challenge: Find and research 4</i></p> <p><i>Further Challenge: Find and research 6, give an example of a designer/company or product that may use one of the strategies</i></p> <p>Lesson 4</p> <ul style="list-style-type: none"> <li>• FULL REVISION LESSON</li> <li>• Design Strategies</li> <li>• Recap Cams, linkages, forces</li> </ul> <p>Lesson 5</p> <ul style="list-style-type: none"> <li>• Continuation of NEA—Sections A, B, C, D &amp; F n flow</li> </ul> <p>Lesson 6</p> <ul style="list-style-type: none"> <li>• Continuation of NEA—Sections A, B, C, D &amp; F in flow</li> </ul> <p><i>Homework 1: Make improvements identified in self assessment to ensure you are at least on target for your NEA</i></p> <p><i>Challenge: using the self-assessment help guide—improve your work to one grade above</i></p> <p><i>Further Challenge: write yourself targets and ensure you are familiar with the assessment criteria for Section C&amp;D</i></p>	

Why are we developing our analytical & evaluation skills?



You are enhancing your skills so that you:

- ◆ Can begin to work more
- ◆ independently and accurately self assess yourself regularly
- ◆ Can work more effectively towards your target grade
- ◆ Analytical and evaluation skills are needed for both the NEA & exam

# NEA & Theory (ratio NEA 4 V theory 2)

Week	Content	Completed?	
		Y / N	EFFORT
3&4	<p>Lesson 7—FULL REVISION LESSON</p> <ul style="list-style-type: none"> <li>• Stock Forms</li> <li>• Input and output components</li> </ul> <p><b>Homework 3:</b> <i>Ensure revision work sheets are fully completed and continue NEA</i></p> <p><b>Challenge:</b> <i>ensure continually self assessing against the mark scheme</i></p> <p><b>Further Challenge:</b> <i>use tracker to identify tasks which will gain marks in the higher markband for Section C &amp; D and apply to own NEA</i></p> <p>Lesson 8</p> <ul style="list-style-type: none"> <li>• Continuation of NEA—Sections A, B, C, D &amp; F in flow</li> </ul> <p>Lesson 9</p> <ul style="list-style-type: none"> <li>• Continuation of NEA—Sections A, B, C, D&amp; F in flow</li> </ul> <p><b>Homework 4:</b> <i>NEA (targeted tasks—individual) To research a design movement/company, give each student one to research as pre-learning task</i></p> <p><b>Challenge:</b> <i>ensure continually self assessing against the mark scheme</i></p> <p><b>Further Challenge:</b> <i>use tracker to identify tasks which will gain marks in the higher markband for Section C &amp; D, E and apply to own NEA</i></p> <p>Lesson 10—FULL REVISION LESSON</p> <ul style="list-style-type: none"> <li>• The work of Others</li> </ul> <p>Lesson 11</p> <ul style="list-style-type: none"> <li>• Continuation of NEA—Sections A, B, C, D&amp; F in flow</li> </ul> <p>Lesson 12</p> <ul style="list-style-type: none"> <li>• Continuation of NEA—Sections A, B, C, D &amp; F in flow</li> </ul>		
5&6	<p>Lesson 13</p> <ul style="list-style-type: none"> <li>• Revision Starter</li> <li>• Continuation of NEA—Sections A, B, C, D &amp; F in flow</li> </ul> <p><b>Homework 3:</b> <i>NEA (targeted tasks—individual)</i></p> <p><b>Challenge:</b> <i>ensure continually self assessing against the mark scheme</i></p> <p><b>Further Challenge:</b> <i>use tracker to identify tasks which will gain marks in the higher markband for Section C &amp; D, E and F and apply to own NEA</i></p> <p>Lesson 14—FULL REVISION LESSON</p> <ul style="list-style-type: none"> <li>• Scales of Production</li> <li>• Prototyping and testing</li> <li>• Primary and secondary research</li> </ul> <p>Lesson 15</p> <ul style="list-style-type: none"> <li>• 15 Mins Social Footprint Starter</li> <li>• Continuation of NEA—Sections A, B, C, D &amp; F in flow</li> </ul> <p><b>Homework 3:</b> <i>Examination style question social footprint</i></p> <p><b>Challenge:</b> <i>self-assess yourself—what mark do you think you have?</i></p> <p><b>Further Challenge:</b> <i>write what you think the markscheme is for this question (template)</i></p>		

# NEA & Theory (ratio NEA 4 V theory 2)

Week	Content	Completed?	
		Y / N	EFFORT
5&6 cont	Lesson 16 <ul style="list-style-type: none"> <li>Social Footprint Home work review</li> <li>Continuation of NEA—Sections A, B, C, D &amp; F in flow</li> </ul> Lesson 17—REVISION RECAP <ul style="list-style-type: none"> <li>New and emerging technologies</li> <li>Continuation of NEA—Sections A, B, C, D &amp; F in flow</li> </ul> Lesson 18 <ul style="list-style-type: none"> <li>Continuation of NEA—Sections A, B, C, D &amp; F in flow</li> </ul>		



KEYWORDS	
Lap joint	
Specification	Brief
Perspective	Isometric
Orthographic	Render
Model	Prototype
CAD CAM	Social footprint
Production	Justify
	Scales of Production

Tick when you think you are able to define the meaning of the keyword

**Challenge!**

Can you add more keywords you have covered?



## Student Self Evaluation

WWW	EBI
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Cycle ..... NEA—Assessment & Development of skills

<b>My Expected Grade</b>				
<b>Teacher Assessed Grade (circle)</b>				
SBE	BE	E	AE	SAE
<b>Comment:</b>				