Subject						
	Autumn 1	Autumn 2	Spring 3	Spring 4	Summer 5	Summer 6
Year 12	NEA NEA Introduction Transition Work Review Possible challenges discussed Exploration of Contexts Investigation of Stakeholders Feasibility of Contexts Generating a Design Brief Investigate existing products and systems Ongoing analysis and evaluation of primary and/or secondary sources Theory Work I Identifying Requirements Learning from Existing Products and Practice	Exploration of materials through research and testing List of Technical Requirements Through an iterative approach of design, develop and evaluate a range of design proposals will be presented Ongoing evaluation to manage design progression Theory Work Implications of Wider Issues	Through an iterative approach of design, develop and evaluate a range of design proposals will be presented Ongoing evaluation to manage design progression Theory Work Materials and Components considerations Assessment	Through an iterative approach of design, develop and evaluate a range of design proposals will be presented Ongoing evaluation to manage design progression Theory Work Technical Understanding	NEA Development of Final Design Solutions. This is to include a range of presentation drawings Assessment	Planning for the making the final prototype using established planning tools Production of Risk Assessments
	Year 12 Induction Assessment		Year 12 Formal Assessment		AFL	

	AFL Formative Assessment				Formative Assessment	
Year 13	 -	NEA Use of specialist techniques, processes, tools and equipment to produce quality and viable prototypes	Use of specialist techniques, processes, tools and equipment to produce quality and viable prototypes Feasibility of the final prototype tested Evaluation of the final prototype	Ensuring that all photos, videos and associated files work and are embedded electronically.	7. Manufacturing processes and techniques 8. Viability of Design Solutions Student led revision – addressing areas that they feel they need support with	
	Assessment		Assessment		Assessment	
	Year 13 Mock Examination		Year 13 Mock Examination AFL Formative Assessment		Summative Assessment of NEA AFL	

Topic 4 Design Thinking and Communication and Topic 9 Health and Safety are covered within the NEA.

Indicative Design and Technology NEA Coverage, taken from the Specification. Due to the iterative nature of the NEA Strands are completely out of order when compared with the NEA matrix.

Year 12 Autumn 1 -

- Strand 1 Investigations of the context and feasibility study of potential approaches
- Strand 1 Design brief
- Strand 1 Investigations of user and stakeholder needs and wants and the outlining of stakeholder requirements (non-technical specification)
- Strand 1 Investigations of existing products and design practices
- Strand 5 Analysis and evaluation of primary and/or secondary sources

Year 12 Autumn 2 -

Strand 1 - Exploration of materials and possible technical requirements

Strand 5 - Analysis and evaluation of primary and/or secondary sources

Year 12 Spring 3 -

Strand 2 - Generation of initial ideas

Strand 3 - Quality of initial ideas

Strand 2 - Design developments

Strand 3 - Quality of design developments

Strand 2 -Critical thinking

Strand 5 - Ongoing evaluation to manage design progression

Year 12 Spring 4 -

Strand 2 - Generation of initial ideas

Strand 3 - Quality of initial ideas

Strand 2 - Design developments

Strand 3 - Quality of final design solution(s)

Strand 2 -Critical thinking

Strand 5 - Ongoing evaluation to manage design progression

Year 12 Summer 5 -

Strand 2 - Development of final design solution(s)

Strand 3 - Quality of final design solution(s)

Year 12 Summer 6 -

Strand 4 - Quality of planning for making the final prototype(s)

Strand 5 - Risk Assessments

Year 13 Autumn 1 -

Strand 4 -Quality of final prototype(s)

Strand 4 -Use of specialist techniques and processes

Strand 4 -Use of specialist tools and equipment

Strand 4 - Viability of the final prototype(s)

Year 13 Autumn 2 -

Strand 4 -Quality of final prototype(s)

Strand 4 -Use of specialist techniques and processes

Strand 4 -Use of specialist tools and equipment

Strand 4 - Viability of the final prototype(s)

Year 13 Spring 3 -

Strand 4 -Quality of final prototype(s)

Strand 4 -Use of specialist techniques and processes

Strand 4 -Use of specialist tools and equipment

Strand 4 - Viability of the final prototype(s)

Strand 5 - Feasibility of the final prototype(s)

Strand 5 - Evaluation of the final prototype(s)

Strand 1 - Technical specification

Year 13 Spring 4 -

Ensuring that all photos, videos and associated files work and are embedded electronically.