

	Y12		Y13	
	NEA	Theory	NEA	Theory
Autumn 1	Section A [Identifying and investigating] Section B [Producing brief and spec]	3.1 Technical Principles	Section D [Development of prototypes]	3.2 Designing and Making Principles
Autumn 2	Section C [Development of proposals]	3.1 Technical Principles	Section D [Development of prototypes]	3.2 Designing and Making Principles
Spring 1	Section C [Development of proposals]	3.1 Technical Principles	Section E [Analysing and evaluating]	3.1 3.2
Spring 2	Section C [Development of proposals]	3.1 Technical Principles	NEA Submission Exam preparation	All units.
Summer 1	Section C [Development of proposals]	3.2 Designing and Making Principles	Exam preparation	All units.
Summer 2	Section D [Development of prototypes]	3.2 Designing and Making Principles		

AQA A level Design Technology: Product Design [7552]

Skills

Throughout the A level course, students will explore design technology through four learning objectives, outlined below.

AO1: Identify, investigate and outline design possibilities to address needs and wants.

AO2: Design and make prototypes that are fit for purpose.

AO3: Analyse and evaluate:

- design decisions and outcomes, including for prototypes made by themselves and others
- wider issues in design and technology.

AO4: Demonstrate and apply knowledge and understanding of:

- technical principles
- designing and making principles.

These are the same four assessment objectives as the GCSE course, allowing learners the opportunity to continue to develop their skills, knowledge and understanding of Design Technology at a higher level.

Pupils will meet these objectives through 2 main components; the NEA (a sustained practical portfolio) and the written exam. Each are worth 50% of the final GCSE and are marked out of a possible 100 marks and 200 marks respectively.

During the course pupils progress and enhance the range of skills built up at GCSE level. The NEA commences immediately in Y12 to allow the most amount of time and opportunity to succeed highly. During the NEA students learn and develop their skills in research, investigation and analysis before embarking on a rigorous design and development task to produce a final, fit for purpose prototype showcasing practical skill and understanding. Theory content is covered through the course as stand alone sessions covering 'Technical Principles' and through practical based theory in the NEA to cover the 'Designing and making Principles' element of the specification.

Assessment

The overall linear A-Level is assessed through 3 elements (written paper is split into 2 parts).

PAPER 1 (Written paper): Maximum mark 120 [30% of the overall A-level]

PAPER 2 (written paper): Maximum Mark 80 [20% of the overall A-level]

NEA (None Examined Assessment: Maximum mark 100 [50% overall A-level]

Further details can be found at <https://www.aqa.org.uk/subjects/design-and-technology/as-and-a-level/design-and-technology-product-design-7552>