

	Y10		Y11	
	Practical/ NEA	Theory	Practical/ NEA	Theory
Autumn 1	Superhero storage.	3.1 Core Technical Principles	NEA Section A &B	3.1 3.2
Autumn 2	Superhero storage Cultural Lighting	3.1 Core Technical Principles	NEA Section C & D	3.2 3.3
Spring 1	Cultural Lighting Mock NEA	3.2 Specialist Technical Principles	NEA Section E&F	3.1 3.3
Spring 2	Mock NEA	3.2 Specialist Technical Principles	NEA submission	All topics
Summer 1	NEA preliminary work	3.3 Designing and Making Principles	Exam preparation	All topics
Summer 2	NEA preliminary work	3.3 Designing and Making Principles		

Skills

Throughout the GCSE 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.

Pupils will meet these objectives through two 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.

During the course pupils learn and master a range of skills. In Year 10 pupils carry out 4 workshop based 'mini projects' that prepare them for the Year 11 NEA. Skills gained through these projects, and the NEA itself include analytical and research skills, explorative and developmental skills to produce ideas and practical skills to realise these ideas into real, 3 dimensional outcomes. Along side practical based learning students are also guided through the theory content that cover 'core technical principle', 'specialist technical principles' and 'design and making principles'. This theory gives them knowledge and understanding of the practical elements of the course, industrial practice and wider issues surrounding the world of design such as economic, social and environmental impacts of the manufactured world.

Assessment

During Year 10 pupils are assessed against theory content covered during the year and through the proprietary projects.

The overall linear GCSE is assessed through two elements.

PAPER 1 (Written paper): Maximum mark 100

NEA (None Examined Assessment): Maximum mark 100.

A cumulative score is added together to generate a 9-1 GCSE grade.

Further details about the course can be found at <https://www.aqa.org.uk/subjects/design-and-technology/gcse>