

Exam Board: AQA
Qualification: 7562
Assessment Information: 2 Exams + NEA (2.5hr + 1.5hr)
[Link to official specification](#)

Department Information:

The Design Technology department empowers students to explore creativity and innovation through hands-on learning. Our curriculum covers product design, engineering, and Textiles, emphasizing sustainability and real-world applications. With good facilities, we cultivate technical skills and critical thinking, preparing students for future careers in the dynamic field of design.

By integrating these values into the curriculum and classroom culture, we can cultivate well-rounded students who excel not only in Design Technology but in their overall personal development.

ACHIEVE in the curriculum:

Ambitious: We encourage students to tackle complex design challenges that push their creative boundaries. We support students in setting personal and team goals for projects, fostering a growth mindset. Happy: We create a collaborative and supportive classroom atmosphere where students feel comfortable sharing ideas. We regularly recognize and celebrate individual and group successes, big or small. Integrity: We teach students the importance of ethical practices in design, including sustainability and fair sourcing of materials. We encourage students to take responsibility for their work and decisions, promoting honesty in all aspects of the design process. Endurance: We instil a mindset of perseverance by emphasizing the importance of learning from failure and iterating on designs. By implementing projects that require sustained effort and commitment, helping students understand the value of endurance in achieving their goals. Versatility: We encourage students to learn and apply a variety of techniques and tools, from digital modelling to hands-on fabrication. We present problems that can be approached in multiple ways, promoting creative thinking and adaptability.

Curriculum Aims & Intent:

Students will need to produce a detailed NEA. We will start with a variety of small projects in Year 12 and cover the bulk of the theory in Year 12. Students will have one theory lesson, 1 test lesson and 1 test review lesson in the 2 week cycle.

Resources:

[A Level Design & Technology textbook](#)

How we keep parents informed:

Year 12 - Progress reports are published 4 times per year, in October, January, March and July, with a face-to-face parents' evening in November.

How parents can help their child:

Extend their knowledge of Fashion and Textiles – take to Galleries, Exhibitions, high end shops like Liberty/Selfridges etc to look at garments

What we study and when:					
Term	Unit, Topic Or Summary Of Work Covered	Knowledge, Understanding & Skills Developed	ACHIEVE / Personal Development Focus	How The Work Is Assessed	Careers Links
1	Pattern challenge	Fibres + Material construction chapters in textbook	Integrity, Endurance and Versatility	Top outcome Theory tests	Work behind a designer
2	Surface texture techniques - Corset	Smart materials, joining and components chapters in textbook	Integrity, Endurance and Versatility	Samples outcome Theory tests	Textiles artists +Theory knowledge
3	Corset	Finishes, Enhancement of materials, Scales of production chapters in textbook	Ambition, Happy + Versatility	Corset outcome Theory tests	Textiles artists +Theory knowledge
4	Biscuit	CAD/CAM, H+S + Marketing chapters in textbook	Integrity, Endurance and Versatility	Biscuit outcome Theory tests	Textiles artists +Theory knowledge
5	NEA	Fashion Cycles, design methods, Designers chapters in textbook	Integrity, Endurance and Versatility	NEA Theory tests	Own project – being a designer
6	NEA	Testing, manufacture and QC+ QA chapters in textbook	Integrity, Endurance and Versatility	NEA Theory tests	Own project – being a designer