

KS4 GCSE Design Technology (AQA) Subject Learning Journey

Year 10

What is the impact of new and emerging technologies

Energy materials, systems and devices

How do the working properties of the materials used affect the choice of end product?

What are the technical principles in DT



In-depth study of Timber based materials

Introducing and using CAD programs

Designing and making a Lamp



Mini-projects using the laser cutter and 3D Printer

Oracy



Careers



Introduction to the NEA, worth 50% of the GCSE

Being creative - Iterative Design ideas and their Development

Researching the brief and the needs of the client

Health & Safety in manufacturing

Year 11

Evaluating and suggesting Modifications

A level Ready!

Planning and Making of chosen product

Revision and how to answer the exam questions. What does the exam board want to see in your answers?

Working Diary - recording skills & processes used

The importance of Quality Control and testing of the final product