



YEAR 10

Design & Technology

1. Working with Textiles

Design and manufacture a functional textile tool belt, demanding a comprehensive demonstration of textile workshop skills and proficiency with relevant hand tool.



2. Working with Materials

Design and manufacture either a functional coffee table or a footstool, demanding a comprehensive demonstration of workshop skills and proficiency with various hand tools and materials.



3. Working with CAD/CAM

Design and manufacture a scaled card model of an innovative school DT building, showcasing proficiency in CAD/CAM software, including 2D Design for precise layouts and Google SketchUp for architectural visualisation.



NEA

4. Introduction to the NEA

Research and Investigation:

Understanding the contextual challenge. Carrying out task analysis, product analysis and client interviews to gather research into your idea.

YEAR 11

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AO2: Generate and Develop Ideas

Develop initial sketches and CAD designs and communicate ideas. Develop an idea by using different modelling techniques and further research.



AO1: Brief and Specification

Clarify the needs and wants of the project to write your own design brief and specification.

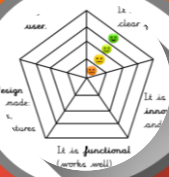
AO2: Realising Design Ideas

Manufacture your product using skills, processes and materials used throughout your DT journey.



AO3: Evaluate and Test

Gain feedback from your client and target market and test your final product. Evaluate have you met the desired outcome and what further improvements are needed?



Revision

Core Content and Specialist Knowledge

Revise and practice exam papers in preparation for the DT exam.