Design and Technology (Engineering and Product Design)

Key Stage 3

United Learning — The best in everyone™

Central Academy — The best in everyone™
Part of United Learning

Assessment at Key Stage 3 is holistic, meaning that students develop a portfolio demonstrating knowledge and skills throughout their projects.

Year 7

- Measuring And cutting
- Refining techniques
- Understanding different joints

Unit 1 – Timbers and Joinery

- Biomimicry
- Design Skills
- Understanding different types of timber.

Year 8

- British standards
- Circuit Diagrams
- Circuit boards and devices
- Soldering
- Logic Circuits
- Fabrication Techniques

Unit 2 – Electronics

Year 9

- Understanding Specifications
- Design Skills
- Computer Aided Design
- Bonding of Materials
- Refining Skills
- Evaluation against a specification

Unit 3 – Delivering a Project to Specification

GCSE Design & Technology
OCR Level 2 Engineering Manufacture