



Entry Requirements: Grade 4 or above in Mathematics and DT or a portfolio of work

Learners will build on their Key Stage 4 knowledge to investigate the theories and principles that underpin product design and successful design. Learners will have the opportunity to develop their communication, design skills and practical skills as well as analytical skills.

Year 12

Theory:

- Topic Materials and their Application
- Topic Digital Design and Manufacturer
- Topic Health and Safety
- Topic Processes
- Topic Finishes
- Topic Commercial practices

Non-Exam Assessed (NEA) Practise Projects

- Timber skills project - shaping and forming techniques
- Plastics skills project - CAD skills
- Metal skills project - Forming and casting
- Multi material project -Architectural project
- Mock NEA project - student lead design them

Year 13

- Non-Exam Assessed (NEA) - Practical Application of Technical Principles, Design and Making Principles.
- Core Process and Material Knowledge
- Examination Practise and Techniques

