

Product Design 3D

Course Type: GCSE

Course Leader: Miss Cove

Topics covered:

- **3D outcomes**
- **Exploring wood, metal and plastic**
- **Laser cutting**
- **3D printing**
- **Lathe work**
- **Casting including concrete and resin**

GCSE Product Design 3D allows students to explore a range of materials to produce 3D outcomes that are creative and innovative. Students will be able to gain new skills in both traditional and computerised techniques and create a personalised project tailored to their skills and interests.

How is this subject examined:

Students will produce a portfolio of evidence over the two years that will count towards 60% of their GCSE grade. Students will then complete a practical exam project set by the exam board that makes up the remaining 40%.

Career Opportunities:

Product designer - Architect - Engineer - Graphic designer - Industrial design - Construction - Plumbing - Joinery.