

# 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.