

DT – RESISTANT MATERIALS

WHAT WILL BE COVERED DURING THE COURSE?

- Product analysis and market research.
- Designing creative products for specific markets.
- Cardboard prototyping.
- Computer Aided Design (CAD) and Manufacture.
- Experimentation and trialling of practical activities.
- Making quality products in woods and plastics.
- Using a range of workshop tools and equipment including the laser cutter.
- Testing and evaluating.
- Learn how to produce an A3 design folio.

WHAT SKILLS WILL BE DEVELOPED OVER THE YEAR?

- Independent, resilient, and inquisitive learning.
- Problem solving.
- Investigating and evaluating.
- Creative designing.
- Presentation skills.
- Making quality products.
- Teamwork.
- Manufacturing in a safe environment.
- Understanding of environmental and sustainable issues.
- Economic awareness.
- Learning about famous product designers.
- Important life skills.

WHERE WILL THIS COURSE LEAD ME?

It would be an advantage and good preparation for doing Design Technology at GCSE and further ahead at A-Level product design - with a view to careers in a huge range of design, manufacturing and engineering career routes.

