

## DESIGN AND TECHNOLOGY

### RESISTANT MATERIALS

#### Course Description

Throughout the Year 11 course, students are focused mainly on their controlled assessment project which comprises 60% of the GCSE. Skills developed will include:

- Market research
- Critical analysis of existing products
- A range of graphic techniques to communicate design ideas
- Development of a final solution
- Use of CAD (computer aided design)
- The planning and manufacturing of their own product
- Testing and evaluation of their final product



Year 11 Final product: Upcycled oak coffee table with storage

Students will also continue with a range of theory assignments to prepare them for the written paper, comprising the remaining 40% of the GCSE.