

GCSE Resistant Materials

Equivalent to 1 GCSE A* to G

Written Examination 40%
Coursework 60%

Where would we be without new ideas?

This course consolidates work covered at Key Stage 3 in designing and making articles from wood, metal and plastic. You are encouraged to use other materials, such as ceramics, textiles and electronics. However, these should not dominate your project, but should complement the work done with the three main resistant materials.

The course includes relevant theory, design elements and Manufacturing processes, small practical project work, and a major project. New technologies and the use of CAD/CAM are strongly encouraged.

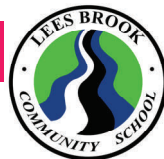
You have to produce one controlled assignment representing about 45 hours of work. This includes a design folder and a practical piece to compliment the folder. Projects can range from children's educational toys to original pieces of jewellery. This **coursework** accounts for **60%** of your final grade. The end of course **written examination**, accounting for **40%**, tests your knowledge of designing and making and of the three main materials of wood, metal and plastic.

Students can go on to study a variety of A Level courses in Art and Design or BTEC National Diplomas. This can then lead to a number of opportunities at University in mixed Media or specialist courses e.g. Jewellery and Silversmithing, furniture design, Engineering and many more. Possible career paths include Teaching, Engineering, Interior Designer and many more.

"I chose to take this subject as it is very practical, and I enjoy designing and manufacturing products. We use different materials, and you discover new things some of which is on the computer. You can see your ideas develop, I also enjoy coming up with solutions when something went wrong with a product and then making it work"



Please see Mrs Bostock for more information



The Skills Academy

