

Year 9 Options Choices for Technology and Creative and Performing Arts

Subject

Resistant Materials

What will you study?

During Year 9, you will work almost exclusively in the workshop creating a range of high quality products.

You will also have the chance to develop your design skills using our industry standard Computer Aided Design or CAD package which is called Solidworks.

Working mainly in wood and metal you will learn new skills that will challenge and inspire you. During the autumn term, you will be taught how to make a 'dovetail' joint before going on to make a solid wood tea tray for your home.

With more workshop time available, you will be able to access more of the facilities on offer which will help you with your GCSE work.

We also include a module on wood turning that fits nicely into a project to make a hardwood box with removable lid.

Why should you study this subject in Year 9?

'This is one of my favourite lessons because it teaches you really useful skills – skills for life. I'm really proud of the products I've made this year!'

Isobel Kelly, Year 9 student in 2017, pictured to the right with her mahogany and oak tea tray...using dovetail joints!



What are the homework expectations?

As all work is project based there will be homework tasks given during the projects and these will be designed to help you develop the independent learning skills required for GCSE study.

Things to consider...

You might like to choose Resistant Materials if...

- You would like the opportunity to make high quality products in a workshop environment
- You would like the chance to learn traditional workshop skills
- You enjoy learning through making
- You enjoy graphics and would like an introduction to computer aided design