



Design & Technology



Working at home to extend and personalise your portfolio

In Year 8, students study the six areas of Design and Technology; Product Design, Graphic Communication, Electronics, Materials, Fashion & Textiles and Food & Nutrition. Students use a wide range of materials to design and make products. They develop their understanding of designing and making by investigating products and finding out about the work of professional designers and the manufacturing industry.

Students use computers, including Computer-Aided-Design software, as an integral part of designing and making. Design and Technology prepares students to participate in tomorrow's rapidly changing technologies. The subject calls for students to become autonomous and creative problem solvers, both as individuals and as members of a team. They combine practical skills with an understanding of aesthetics, social and environmental issues, function and industrial practices.

Students are taught aspects of:

- Developing, planning and communicating ideas
- Working with tools, equipment, materials and components to produce quality products
- Evaluating processes and products
- Knowledge and understanding of materials and components
- Knowledge and understanding of health & nutrition

These are taught through the following activities:

- Product Evaluation and Analysis
- Focused Practical Tasks
- Design and Make Assignments

Assessment of students designing and making capability is carried out by formal testing and by assessment of a designing and making projects. In Year 8 students are taught in mixed ability groups which are based on their Maths groups.

Homework for Year 9 will be issued through Show My Homework and the Priestnall Learning Platform.