

**If you enjoy working with Materials, Graphics, Art, Electronics
- Our GCSE is for you!**

Why study GCSE Design & Technology?

Design & Technology prepares you to participate in tomorrow's rapidly changing world. You learn to think and intervene creatively to improve quality of life.

The subject calls for you to become autonomous and creative problem solvers, as both individuals and members of a team. You must look for needs, wants and opportunities and respond to them by developing a range of ideas, making products and systems.

You will combine practical skills with an understanding of aesthetics, social and environmental issues, function and industrial practices. Through Design & Technology you can become innovative, informed discriminators in your use of products, generating transferable skills for all walks of life.

The options.....

The subject is divided into two distinct sections, and there is an element of choice through some of these.

- 1) **Examination Paper (50%)** - This paper will contain three sections which will assess your knowledge and understanding of: *Designing and innovation, Product analysis, Materials and components, Industrial and commercial practice.*
- 2) **Design and Make Tasks (50%)** - You will submit a portfolio of work and practical- (see examples) taken from the project theme list.

Possible career paths.....

Electronic Products - Electrical Engineering Technician, Engineer- Control & Electronic, Film SFX Technician, Satellite Systems & Telecommunications.....

Graphic Products - Architect, Packaging Technologist, Designers, Toy maker/designer, CAD/CAM, Graphic Designer, Civil Engineer.....

Art - Artist, Sculptor, Graphic Designer, Advertising, Interior Design, Illustration.....

Resistant Materials - Cabinet Maker, Civil Engineer, Heat Treatment Operative, Manufacturing Engineer, Model Maker, Toolmaker, Welder.....