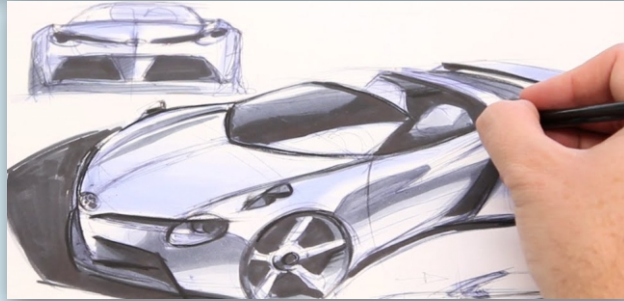


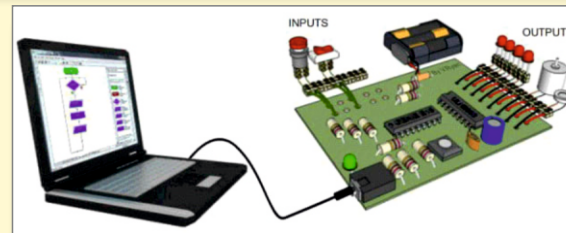
Design and Technology is probably the most interesting and useful subject you will study. It can lead to a wide range of careers, courses at university and further education. Most of all, it will provide you with the skills required by employers, as well as those, that prepare you for life in a rapidly changing world.



You will use a variety of technical skills, working on hi-tech machines and equipment including, 3D Printers and Laser Cutters. You will also develop workshop skills, through the use of hand tools and machines, producing accurate, finished products.



You will develop knowledge of a range materials including, polymers, metals, woods, textiles, card/paper and use many of these in your projects. Your knowledge of electronics and programming will grow, as well as your working knowledge of technical systems including mechanical and electronic systems.



You will learn about the way products are manufactured by large companies and the production systems they utilise. Remote Manufacture, Just in Time, Batch Production, Continuous Production and Flexible Manufacturing, are some of the systems you will study. This will prepare you for work in the commercial world of business and industry.

Are you interested in environmental issues? As a designer, you will learn about and discuss major issues, such as sustainability and the use of sustainable materials, recycling and renewable energy sources. You will need to consider many of the ethical issues faced by professional designers and companies, as they design, develop and manufacture products.



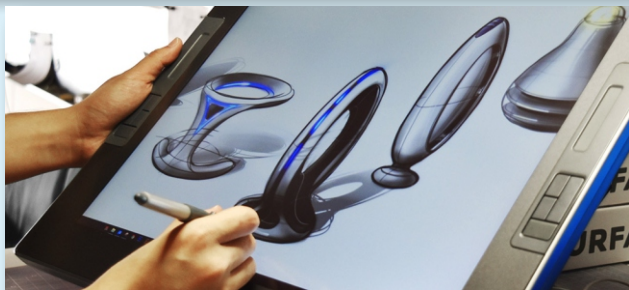
You will be able to work closely with potential customers, designing a product to suit their unique needs. Your designs will be tested and evaluated by potential customers and focus groups, as they would be in the real world of product design.



Come and join us. If you like what you have read in this leaflet, select Design and Technology for your GCSE / A Level. Ask your Design and Technology Teacher for more information.

Are you interested in solving problems? Are you interested in designing, sketching, drawing and being creative? Have you got an enquiring mind? Can you be innovative and use your imagination? Do you like working with others and even working in teams? Do you appreciate good design?

You will learn to use Computer Aided Design, alongside developing your drawing and sketching skills. You will take on the role of a designer, solving problems through research, sketching, model making and team work.



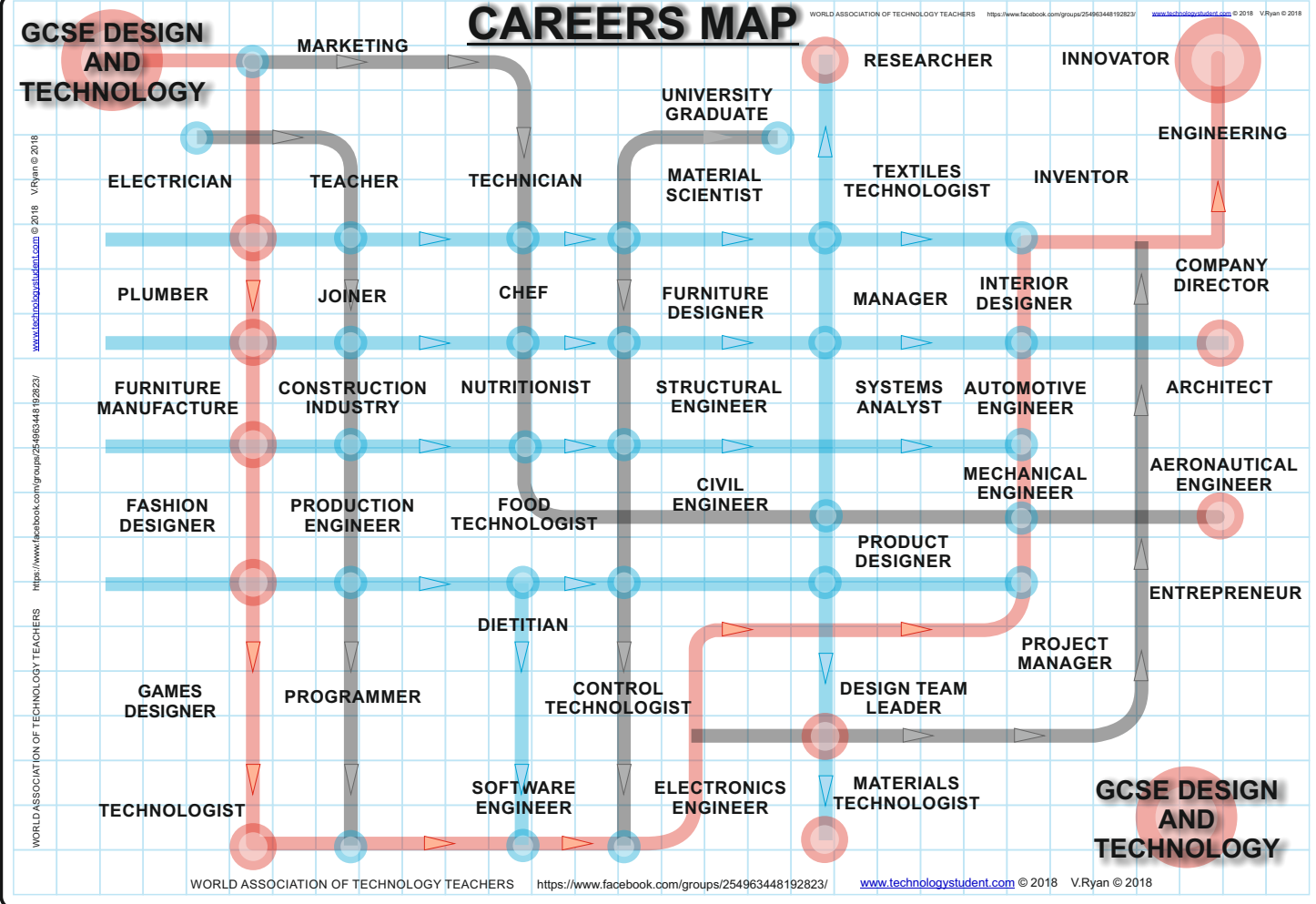
SIX REASONS TO STUDY DESIGN AND TECHNOLOGY

- 1** D and T leads to a vast range of careers and Further Education courses. It prepares you for a world of business and enterprise.
- 2** D and T 'A' Level, is welcomed by universities, when applying for courses such as Architecture, Design, Engineering, Fashion and many more.....
- 3** You will be able to use your imagination and creativity to design and make innovative products, solving genuine problems.
- 4** You will develop design, ICT and CAD/CAM skills, and manufacture with laser cutters and 3D printers.
- 5** You will, work independently, in groups, developing communication and thinking skills, valued by the business world.
- 6** D and T will help you develop your Mathematical skills, as you design and manufacture products and prepare for examinations.

THE ULTIMATE FREE RESOURCE

When you study Design and Technology, you will have 24 hour access, 365 days a year, to www.technologystudent.com.

The website will provide you, with resources and guidance, enhancing your chance of success in Design and Technology, at GCSE and A Level. You will have access to this detailed website and the free Interactive Mobile App Section, allowing you to study through the use of PCs and mobile devices. The website and especially the Mobile Apps, are essential for success.



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INFORMATION HERE