Frequently asked questions: Design & Technology

1. What is the exam board:

WJEC Eduqas GCSE Design & Technology

2. How many exams are there and what percentage of the total is each exam:

There is one 2 hour written examination (component 1) at GCSE worth 50% of the qualification

3. How much of the course is coursework:

There is one Design and Make task (NEA) (Component 2) worth the remaining 50% of the qualification

4. When are the school coursework deadlines?

There are a number of deadlines throughout the academic year. You will be provided with the dates for each NEA Assessment Objective for reference.

5. Why choose Design & Technology

Through studying GCSE Design and Technology, you will be prepared to participate confidently and successfully in an increasingly technological world; and be aware of, and learn from, wider influences on design and technology. The course will offer you the opportunity to solve real problems by designing and making products

6. What will be studied

You will develop knowledge and understanding of design and technology, its impact on daily life, and develop a broad understanding of materials, systems and processes from the list below.

- electronic systems, programmable components and mechanical devices
- papers and boards
- natural and manufactured timber
- ferrous and non-ferrous metals
- thermoforming and thermosetting polymers

fibres and textiles

7. What skills will be developed?

Studying Design and Technology will enable you to develop a wide range of transferable skills for further education, work and life:

- Creative and innovative thinking
- Use of imagination and experimentation
- Ability to critique and refine your own ideas
- Decision making skills
- Communication skills

8. Are there any key resources that I should buy to support my child taking this subject?

There are many career paths that Design and Technology could take you down; from Carpenter to Architect all the way to Aerospace engineer. Here are just some of the industries and jobs that are facilitated by a qualification in Design and Technology:

ART AND DESIGN - *Graphic Designer, Sculptor, Gallery Curator*

IT AND THE INTERNET - *Games Developer, Software Programmer, Network Engineer, Web Designer*

FAST CONSUMER GOODS - *Mechanical Engineer, Product Designer, Market Researcher*

FASHION AND BEAUTY - *Fashion Designer, Dressmaker, Hairdresser*

CONSTRUCTION – *Tradesperson, Architect, Construction Manager, Engineer*

MANUFACTURING – *Food Technologist, Manufacturing Engineer, Manufacturing Manager*

You could of course carry on studying Design and Technology at an advanced level, which would allow you the opportunity to study a range of courses at University.