**Key Stage 4 Curriculum Information: 2017-2019**

Below is useful information from departments that provide you with information about the types of qualifications available at Key Stage 4. If you require any further information please contact the Head of Department on the email address below.

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|  | **Subject** | Design and Technology |
|  | **Examination Board** | EDUQAS |
|  | **Head of Department** | Mr Alex Hutchinson |
|  | **Accreditation Level (e.g. GCSE Level 2, BTEC Level 2)** | GCSE |
|  | **Number of qualifications?** | 1 |
| Exam Information | **How many exams?** | 1 |
| **When taken?** | Summer |
| **Percentage of final mark** | 50 |
| Controlled Assignment Information | **How many assignments?** | 1 |
| **When taken?** | From June in Year 10 to April in Year 11 |
| **Percentage of final mark** | 50 |
| Brief Outline of Subject | GCSE D&T will prepare students to participate confidently and successfully in an increasingly technological world. Students will gain awareness and learn from wider influences on D&T including historical, social, cultural, environmental and economic factors. Students will get the opportunity to work creatively when designing and making and apply technical and practical expertise.This GCSE allows students to study core technical and designing and making principles, including a broad range of design processes, materials techniques and equipment. Students will also have the opportunity to study specialist technical principles in greater depth. The key skills that you will develop in this course are your creative designing ability and a range of practical and technical skills. Further to this you will need an enquiring mind and a willingness to develop your investigating, analysing and evaluating skills. **You will learn the core technical principles of all material areas in D&T (Woods, Metals, Plastics, Electronics, Graphics and Textiles) and then develop a specialist technical knowledge in one of these.**  |
| Post-16 Progression Routes  | This qualification is designed for students who want to study all D&T materials in a practical way.  Learners will have the opportunity to use traditional skills and also modern technologies. This GCSE will help learners develop their knowledge, skills and experience and could potentially open the door to a career in related industries such as engineering, product design, architecture, graphic design, fashion, media and marketing.  |
| Relevant Information | **The GCSE in DT is broken down into the following units:** **50% Written Exam:** A mix of short answer, structured and extended writing questions assessing candidates' knowledge and understanding of: technical principles, designing and making principles along with their ability to: analyse and evaluate design decisions and wider issues in design and technology. **Please note that all students will be entered for the same D&T exam and will therefore need to have a core understanding of all material areas (Woods, Metals, Plastics, Electronics, Graphics and Textiles).****50% Non-Exam Assessment (Extended Design and Make Project):** A sustained design and make task, based on a contextual challenge set by the exam board (EDUQAS), assessing candidates' ability to: identify, investigate and outline design possibilities, design and make prototypes, analyse and evaluate design decisions and wider issues in Design and Technology. **Please note that the material area that you will focus on for this coursework project will be based on a route that you can chose on your Year 9 Options Form (Materials, Graphics or Textiles).**  |