



Holly Lodge High School

College of Science

| Subject/Qualification | Pearson Edexcel Design & Technology GCSE |
|---|---|
| What is the course about? | The GCSE in Design and Technology enables students to understand and apply iterative design processes through which they explore, create and evaluate a range of outcomes. The qualification enables students to use creativity and imagination to design and make prototypes (together with evidence of modelling to develop and prove product concept and function) that solve real and relevant problems, considering their own and others' needs, wants and values. It gives students opportunities to apply knowledge from other disciplines, including mathematics, science, art and design, computing and the humanities. |
| How is it assessed? | This course is made up of two components: 1. 1 hour 45 minutes written examination - 50% of qualification :The paper consists of two sections. Section A is assessed on the core content and Section B is assessed on the material category students have chosen. 2. One non-examination assessment: <ul style="list-style-type: none">• Students will undertake a project based on a contextual challenge released by us a year before certification.• This will be released on 1 June and will be available on our website.• The project will test students' skills in investigating, designing, making and evaluating a prototype of a product.• Task will be internally assessed and externally moderated. ☑ The marks are awarded for each part as follows. o 1 – Investigate (16 marks) o 2 – Design (42 marks) o 3 – Make (36 marks) o 4 – Evaluate (6 marks) |
| What can you do with this qualification? | Design & Technology opens up a wide range of career paths such as; Product Designer, Furniture Maker, Furniture Designer, Jewellery designer-maker, Architect, Carpenter, Packaging technologist, Design and development engineer, Fashion designer to name a few. |
| Is there a main selling point? | A GCSE course in Design and Technology offers an opportunity for candidates to identify and solve real problems by designing and making products or systems in a wide range of contexts relating to their personal interests. |
| What are the pre-course requirements? | Students will need to be organised as you need to be able to meet deadlines as you have a lot of coursework to complete, so organisation is key. |
| What other subject(s) does it combine well with? | You could also combine Design and Technology with Science, Maths, Art or Business Studies. |