Wirral Grammar School for Boys 6th Y11 A-level Options 2022.

FAQ Information Sheet for: Design Technology

What is Design Technology?

Design and technology is an inspiring, rigorous and practical subject. Using creativity and imagination, pupils design and make products that solve real and relevant problems within a variety of contexts, considering their own and others' needs, wants and values. They acquire a broad range of subject knowledge and draw on disciplines such as mathematics, science, engineering, computing and art. Pupils learn how to take risks, becoming resourceful, innovative, enterprising and capable citizens. Through the evaluation of past and present design and technology, they develop a critical understanding of its impact on daily life and the wider world. High-quality design and technology education makes an essential contribution to the creativity, culture, wealth and well-being of the nation.

Why is Design Technology important?

Design and Technology enables students to draw on their maths, science, engineering, computing and art skills. It gives students a true understanding of the world around them and how it was designed and manufactured. Risk-

taking is integral to DT and once learnt, students become resourceful, innovative and enterprising. Through evaluation of real past and present Design and Technology, pupils become critical thinkers and see the purpose of design for the real world.

How will the course be taught?

The Design Technology A level is taught using a combination of presentations, videos, practical and theoretical learing metods similar to the students KS4 education. Through using a range of methods to deliver the different concepts and ideas. It is important that the pupils develop an enquiring mind to be able to understand and solve problems by experimenting and challenging their understanding over different ideas.

What is the format of the course?

The course is broken down into 2 sections, the students NEA and the formal exam at the end of Year 13. Each section will form 50% of their final grade, which is the same as their Year 11 course. The final examination takes two hours and thirty minutes, while the NEA will be completed throughout Year 13 in a similar manor to the Year 11 NEA.

What are typical A level subject choices along with Design Technology?

The following subjects are commonly taken along with Design Technology; maths, further maths, physics, business, Art & Computer Science.