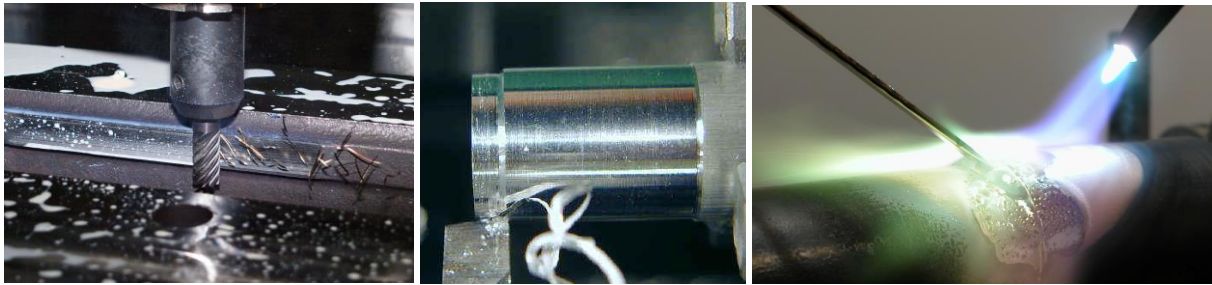


Engineering

With our Engineering course, we aim to:

- Inspire enthusiasm for Engineering.
- Develop the ability to use hand tools and power tools with precision.
- Gain a greater understanding of the role engineering plays in wider society.
- Equip students with the necessary knowledge and understanding of what would be required of them in engineering based careers.



Engineering is an optional subject on the curriculum at John Whitgift Academy. Students are taught 3 lessons per week during years 9 and 10. The year 9 content covers many general engineering principles and necessary skills. Year 10 content focusses more heavily on specific engineering skills which are assessed through coursework.

Qualifications gained: BTEC Tech Award in Engineering
Examination board: Pearson

Course Overview. 3 units including:

Exploring engineering sectors and design applications
Investigating an engineered product
Responding to an engineering brief

Assessment:

Assessment is through a combination of 5 pieces of coursework, which make up components 1 and 2, with a 3rd component which is made up of 2 exams. Component 1, which is made up of up 2 pieces of coursework is weighted at 30% of the final grade. Component 2, which is made up of 3 pieces of coursework is also weighted at 30%. The final 40% is from the 2 exams. This course will be assessed in year 10, with coursework submission dates spread across the year and exams scheduled for the spring term of year 10.