



2 October 2026

Dear Parents and Carers

GCSE Design Technology- Year 10

I am pleased to welcome students to the GCSE Design Technology course.

This year we will be working through work booklets kept in a school provided folder which is kept in the classroom. The units that we will be covering are:

- Automation, work of others, polymers, CAD/CAM, papers and boards & analysing a context
- Energy
- Iteration, sustainability and ergonomics- practical outcome is a prototype pizza wheel
- Timber specialist knowledge- practical outcome is a trinket box
- Motion and mechanisms
- Mini Non-Examined Assessment – based on storage
- Metals, electronics and scales of production- practical outcome is a Design inspired night light
- Textiles & smart materials

All resources for these units have been uploaded to Google Classrooms, along with a clearer timescale for each unit. Each practical outcome is assessed (25% of end of year grade), homework is set appropriate to each unit (25% of end of year grade) and at the end of each unit there is a 25-mark, end of unit test, held in class (50% of end of year grade). All of these results will be recorded on Go4Schools accordingly.

In March students will sit a mock GCSE paper in the exam hall worth 50% of the end of year grade, this grade will supersede end of unit tests grades.

In June of year 10 students will start their Non-Examined Assessment worth 50% of their final GCSE grade, this will supersede homework and practical grades. Further information on this will be given nearer the time. A Design Technology exhibition will be held on 29th April 2027 show casing the work of year 10 and 11 students that you are warmly welcome too.

To continue offering a rich and hands-on learning experience throughout your child's GCSE, we kindly ask for a **voluntary contribution of £20** to help contribute to the cost of the materials and resources used in each project in year 10 and during their NEA in year 11. Your support enables us to maintain high-quality provision and ensure every student can fully participate in the practical elements of the course. Contributions can be made easily in your MCAS app in the store section.

Thank you for your continued support in helping us deliver an engaging and inspiring Design & Technology programme.

Please do not hesitate to make contact if we can help in anyway.

Kind regards

Mrs Mosley, Miss Knight and Mr Barlow.
Head of DT



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