



11 September 2025

Dear Parents and Carers

GCSE Design Technology- Year 10

I am pleased to welcome your child to the GCSE Design Technology course.

This year students 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- practical outcome is a CAD designed laser cut plastic key ring.
- Energy
- Iteration, sustainability and ergonomics- practical outcome is a prototype pizza wheel.
- Timber specialist knowledge- practical outcome is a trinket box.
- Motion
- Mini Non-Examined Assessment and mechanisms - Cardboard Lamp modelling.
- Metals, electronics and scales of production- practical outcome is a Design inspired night light.
- Textiles & smart materials- practical outcome is a stress doughnut.

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. A virtual information evening and a Design Technology exhibition will be held later next year to provide more information on how you can offer support.

To continue offering a rich and hands-on learning experience, we kindly ask for a **voluntary contribution of £15** to help cover the cost of these materials and resources, this cost covers year 11 as well. 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 via ParentPay.

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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Other schools in our Trust:
Kennett Primary School
The Shade Primary School
The Weatheralls Primary School