



**LIBERTY
ACADEMY**
CHURCH OF ENGLAND

Technology Department

About us

Technology Staff 2025

Director of Learning For Technology Mrs A V. Batley

Mrs S.Russell Teacher of Hospitality and Catering /

Food Technology/Technology

Mr J. Fearn Teacher of Technology

Miss C. Dixon Lead Teacher of Animal
Care/Technology

Mr K. Craven Technology Technician

The Design Technology Curriculum aims to provide an inspiring, rigorous and practical approach to learning in order to develop all learners' creativity and imagination.

We aim to encourage independent learning through practical participation and ensure that our students have a wider understanding of environmental impacts on choices and materials.

Our lessons

The Department has a strong focus and drive to develop independent learners and promote high standards of academic achievement. Through the Learning Cycle. Students through this become more resilient learners, it gives them the tools and the thirst to achieve and have higher aspirations.

The department has a strong belief that all students should be independent, enabling our students to develop personal responsibility and self-motivation and to consider the needs of others. This equips our students with the knowledge and cultural capital to succeed in life.

Areas for development

1. Continued improvement in both Academic Outcomes & Progress.
2. Cultural and Subject enrichment
3. Challenge for all

Our ambitious and inspiring curriculum for all

KS3 - The Design Technology Curriculum follows the National Curriculum Guidelines. It aims to provide an inspiring, rigorous and practical approach to learning in order to develop all learners' skill, creativity and imagination. Learners will learn how to design, make and think critically. All will develop a broad range of subject knowledge which will develop their understanding enough to confidently explore their creativity and independently express themselves during Key Stage 4.

KS4 - The Y10 and Y11 Design Technology specification sets out the knowledge, understanding and skills required to undertake the iterative design process of exploring, creating and evaluating.

We create an inspiring learning environment where students feel confident to explore, question and grow, providing them with enriching experiences that will ignite their curiosity and empower them to become compassionate young people.



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Our curriculum intent

Our Design and Technology curriculum is designed to equip our young people with a variety of skills and knowledge to be able to become more confident and able to make independent decisions which equips them in becoming lifelong learners and to aspire to work within their chosen field.

Marking and feedback

All our students will receive a variety of marking feedback methods. Circulation around the classroom is a prominent feature in practical lessons where verbal misconceptions will be corrected. Students will peer assess work as well as receiving Feedback on their work allowing students to reflect and respond to teacher comments. All key stages are formally assessed at KS3 this will be one practical assessment and 1 written assessment and KS4 will complete Practical Exam PPE's and Exam PPE's.

Quality assurance

The Technology department evaluates the quality of teaching and learning to ensure that students can make the best progress. This is monitored by our whole school policies which include:

Learning Walks

Book Looks

Pupil Voice

Department standardisation and moderation of work for work and work for exam assessments.

Curriculum enrichment

The Technology department offer an exciting and extensive enrichment programme to its students.

Design Technology - Guest Speakers

Intervention

The Technology Department offers a range of interventions these include

- SPS sessions - Lesson 6
- Revision Sessions in half terms
- Drop in sessions at lunch time
- Exam breakfasts and exam master classes.

Home learning

The Technology department requires students to practice skills at home wherever possible for both KS3 and KS4.

KS4 students are required to complete homework tasks specifically to aid their learning and understanding for written exam papers so many past exam questions are used for this purpose.