



## Technology Department

### *Aims of our Technology Teachers*

- 1) To deliver the highest quality Technology teaching to all of our students.
- 2) To thoroughly equip our students for today's technological world.
- 3) To enable our students to be fully aware of the implications and application of Technology, so that they can make judgements on environmental and social issues.
- 4) To enthuse our students with a lifelong interest in technology matters and have fun learning!
- 5) To ensure that our students fulfil their potential in examinations.

These aims are achieved, in part, by supporting each other and sharing ideas. Teachers are encouraged to keep on top of developments within the subjects and continual professional development is ongoing. Modern techniques and the delivery of well planned, high quality Technology lessons are essential

Technology users various forms of ICT and all teaching staff are given a laptop and iPad to facilitate this. We use the academy's VLE as a means of sharing our resources more effectively across the department and our students have benefited from the innovative ways in which we have adapted our schemes of work in order to make full use of



### *As a Technology teacher, you will be responsible for:*

- National Curriculum teaching in all Technology subjects at KS3 and KS4.
- Development of KS5 resources for your subject specialism.
- Record keeping and monitoring of pupil progress through target setting.
- Contributing to the development of schemes of work.
- Assessment and regular marking of students' work.
- Examination preparation, marking and writing of reports.
- Generating display material.
- KS3/KS4/KS5 coursework administration.

### *Schemes of Learning*

The Technology department KS3 curriculum has been written by our own team to reflect the development of the subject and to provide our learners with the skills required for the new Technology GCSEs. The GCSE courses start at the beginning of Year 10.

For KS4 we currently offer; GCSE Food, Product Design, Textiles, Btec Engineering, Btec Construction, Btec Hair and Beauty and Btec Hospitality

### *A-level Teaching*

Currently we offer OCR Product Design and WJEC Food

### *Student Setting*

All pupils across key stage 3 have the ability to experience all three subjects (Product Design, Food and Textiles). Year 7 have one lesson per week and year 8 and 9 have 2 lessons a week and operate a carousel system.

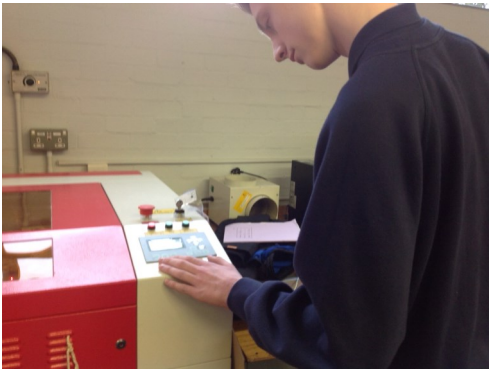
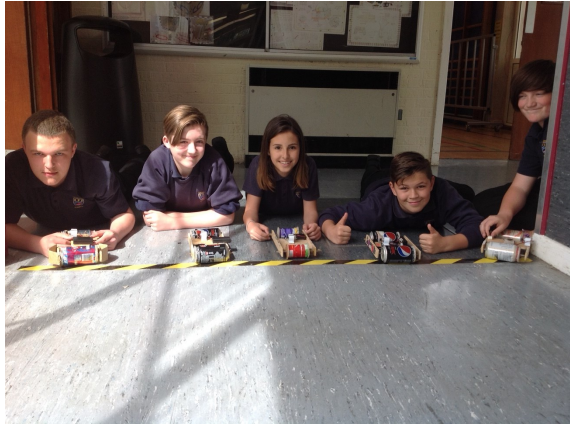
We are able to support students with the use of CAD/CAM facilities and several laser cutters that KS4 and KS5 students are able to use independently.

### *Our Philosophy...*

We believe that our learners should enjoy Technology, find it rewarding and gain knowledge and understanding by working creatively and independently whilst utilising all tools and equipment that the department has to offer.

At KS3 our projects are based around allowing our students to explore the subjects fully and are able to work creatively to produce a unique product based on a simple design brief.

Technology Department



Extra Curricular

The STEM coordinator for Longsands Academy is a member of the Technology teaching staff hence all STEM clubs are based within the department. The STEM club is available for both KS3 and KS4 students. ....



Technology Department Staff

Donna Kirk	Head of Design and Technology
Angie Kite	Subject Leader for Food Technology
Hannah Rose	Subject leader Textiles and A Level Product Design
Kelly Garner	Subject leader for Textiles and A Level Product Design
Ross Ward	Technology Teacher
Natalie Doyle	UQT teaching Technology
Jo Boston	UQT teaching Technology
Jeannie Bartrick	Technology Teacher
Michael French	Technician
Kelly Ralph	Technician
Tricia Hopewell	Teaching Assistant



Intervention and revision sessions are regularly run across KS4 and KS5 in order to support our Technology learners.

Contact the Head of Department:

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