**School and Departmental Information**

King’s Ely is comprised of four sections King’s Acremont, (Nursery, reception, Years 1 and 2), King’s Junior (Years 3-8) King’s Senior (Years 9-13) and King’s International (Y10-11).

The Design and Technology department has 2 areas, Resistant Materials and Food Technology. There is 1 full time Design and Technology teachers and 2 part time members of staff and the Food and Nutrition department comprises of 1 full time and 1 part time member of staff. We also have three (1 full time and 2 part time) technicians who support the department.

During Year 9, pupils choose their GCSE subjects and it is hoped that in due course the number of continuing students will increase year on year.

Specs info: The new syllabi include GCSE AQA Design and Technology (2017start), and the Legacy Edexcel GCSE Resistant Materials completing in 2018. At A-level, the syllabus is Edexcel Design and Technology: Product Design.

The Food and Nutrition GCSE syllabus is with OCR and the A-level Food Technology syllabus is with AQA completing in 2018. In 2017, the department introduced the Level 3 Applied National Diploma in Food and Nutrition.

**Design and Technology Development Plan**

The Design and Technology department are an enthusiastic team who are keen to develop and improve. It is an exciting time to be joining the department. We intend to develop the new syllabi at KS4 and 5 to encourage more students to make it an attractive choice to study beyond KS3, whilst also continuing to improve the standards within the department at GCSE and A-level. The results at A-level for 2017 were 100% A\*-B in Product Design and at GCSE 86% A\*-C Resistant Materials and 90% for Home Economics.

**Head of Design and Technology Job Description:**

* To develop and lead the DT Department at King’s Ely;
* Responsible for DT teachers, supporting their work as subject teachers and making sure that all members of the Department participate effectively;
* Encourage, manage and support the professional development of staff within the Department;
* Encourage consultation and discussion within the Department;
* Responsible for the academic progress of pupils studying Design and Technology;
* Work with Head of Science and Maths to promote STEM careers
* Communicate effectively with parents and guardians.

**Design and Technology Teacher Job description:**

* Excellent, dynamic and creative teacher with a high level of subject knowledge and skills;
* Determination to enhance, deliver and promote the teaching of their subject;
* High expectation of pupils both in academic achievement and behaviour;
* Ability to teach Design and Technology A-level;
* Commitment to continuous improvement and innovation, which leads to the teaching of challenging and differentiated lessons in the classroom;
* Produce high quality preparation and delivery of lessons to stimulate and encourage pupil’s learning;
* Set and mark homework in line with school and department policies;
* Undertake regular reviews of pupil’s academic progress and acknowledge student success;
* Keep good records of pupil achievement and progression;
* Set targets to improve the quality of learning and complete regular reports for pupils according to the school calendar;
* Establish good professional relationships with staff, learners and parents;
* Liaise with pupils and parent’s at Parent’s Evenings throughout the school year;
* Endeavour to provide extra-curricular learning opportunities and trips when required e.g. run an afterschool cooking club;
* Liaise with the Head of Food Technology and attend regular department meetings;
* Assist in the setting and marking of internal examinations and the writing of schemes of work;
* Keep up to date of developments in Design and Technology and recent curriculum initiatives.

The Design Technology Department enjoys a purpose built block, which houses a number of workshops, computer facilities, design room, a food room and a food demonstration room. The department has a wide range of equipment and machinery.

The department follows the National Curriculum guidelines at KS3 to allow students to progress through to KS4 and KS5.