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Headteacher: **Nick Goforth**

22 January 2020

Dear Candidate

We are seeking to appoint an enthusiastic teacher who is able to share in the teaching of Resistant Materials, Graphics, Electronics and CAD/CAM at Key Stage 3 and has the ability to teach GCSE in either Electronics or a resistant material within Design and Technology.

In this lively, forward looking Faculty, you could expect to work with colleagues who are committed to delivering excellent learning experiences to students and keen to support one another in an atmosphere of good humour.

There are 6 teachers of Design, Technology and Food, many of whom are also group tutors. We see the role of tutor as central to the student's experience, so we expect to liaise with colleagues who are tutors right across the school in the normal course of our specialist teaching. In this way, the Department operates within a close-knit school network. We are well supported by 3 technicians.

The Faculty aims to exploit the real world relevance of Design and Technological practice and are committed to developing provision that includes the most up to date techniques and facilities available including a strong emphasis on CAD/CAM. We base most of our teaching on design and make activities that include an increasingly iterative way of working which we find engage our students most usefully. A wide variety of activities are delivered in a range of specialist rooms, where possible by specialist teachers. Facilities include:

- One suite of 30 computers and another of 25, each loaded with up to date software.
- A large format CAD / CAM Printer / cutter /plotter
- A powerful / large Laser cutter
- Laser image transfer system and mug press
- Two 3D Printers
- A small CNC miller and a large table CNC router
- Vacuum press laminating equipment

In Key Stage 3, we teach groups of maximum 20 students in mixed ability classes and continually develop our schemes of work to keep the curriculum relevant and students engaged. Currently, we operate a 'circus system' where groups rotate between specialist teachers and rooms changing 'material area' several times per year. The main focus areas are: Food, Resistant Materials, Textiles, Electronics, Graphics.

In Key Stage 4, we offer students a range of options that include: GCSE Design and Technology which we then deliver through specialisms in: Polymers, Timber based Materials, Papers and Boards and Textile Based Materials. We also offer discrete GCSE courses in Food Preparation & Nutrition, and GCSE Electronics course which is restricted to students who demonstrate a minimum level of Maths and Science capability.

In Key Stage 4, we offer options in Food, Textiles and Design. We also have a thriving technological enrichment curriculum, encouraging students to take part in our Clubs and after school activities.

If teaching Design and Technology in this sort of environment appeals to you, then we shall look forward to receiving your application form with a letter that addresses the following points:

- What do you consider to be the essential characteristics of an outstanding Design and Technology Lesson?
- How would you prepare students of all abilities for the new more rigorous GCSE?

Please feel free to contact me if there are any questions you would like to ask before applying for this post. We look forward to receiving your application, which you should address to Nick Goforth, the Headteacher.

Yours sincerely

Sean Reilly

Head of Design and Technology Faculty

