

### **Department Information for Teacher of Design and Technology**

Churston Ferrers Grammar School is a lively, co-educational grammar school set in the attractive countryside between Brixham and Paignton. We have 1012 students on role and there is a sixth form of 272. Our students are eager to learn and well-behaved; the atmosphere in the school is exceptionally friendly and positive. Design and Technology is a vibrant and successful subject at the school.

#### **Department Aims & Objectives**

- To provide purposeful, enjoyable experiences in a range of design and make activities.
- To encourage design thinking and innovative problem solving
- To enable children to become aware of their potential and to use their unique abilities and approaches to achieve maximum enjoyment, depth of learning and attainment.
- To foster a creative environment where risk taking can be rewarded
- To encourage excellence and promote participation in national and local competitions

#### **Facilities**

- A purpose designed well equipped workshop
- Computer equipped design room
- Technician workshop and support
- CAD/CAM equipment

#### **Curriculum**

At Key Stage 3 students have a carousel of Design and Technology, Food and Nutrition and Textiles. These students have one lesson of 75 minutes per week in years 7 and 8. As a design lead department we encourage all students to get involved in a range of technologies. Year 7 have been successful in the Race for the Line competition, making the national final and year 8 have had success in the EEP Robotics Challenge.

Students start studying GCSE options in year 9 and we have a healthy two class uptake. Design thinking is at the forefront leading to innovative solutions. Year 9 have made the national finals of the Longitude Explorer prize for the last two years.

Students of all ages are involved in our new Greenpower F24 car.

GCSE and A level Design and Technology are strong and well supported with growing numbers opting and succeeding.

#### **Student Attainment**

We are very proud of the standards attained by our students within examinations. At GCSE students consistently achieve grade B and above, with Churston's results being the highest of the SWTSA schools last year

A level students do well moving on to degrees in Design, Architecture or Engineering. We also have students moving on to higher level apprenticeships in electronics, automotive or civil engineering

#### **Additional Information Including Key Areas for Development**

This is an outstanding opportunity for a talented person to teach Design and Technology and further develop their teaching career. We are particularly interested in an individual who relishes the chance to teach a dynamic outward-looking subject from year 7 right through to year 13. The department staff complement each other in terms of their own backgrounds, with the majority being from the design industry. We would particularly be looking to appoint somebody with design experience. However, it is important that the

successful applicant is a good 'all-rounder' with the ability to work closely as part of an effective team delivering a range of projects and exploring a host of technologies.

The distribution of teaching load across key stages 3 to 5 will depend upon the strengths of the candidate selected. This person will be able to maintain and improve the high profile of Design and Technology within the school, with the aim of attracting more students to study Design Technology at GCSE and A level, and enhancing the already extensive provision of extra-curricular opportunities and competitions.

We welcome applicants from candidates who feel they would enjoy working as a valued member of our creative student centred team.

Please indicate in your application how your particular interests and skills might enhance the quality of student experience and further raise the profile of Design and Technology at Churston Ferrers Grammar School.

Please contact the Head of Design and Technology, Mr Bruce Nisbett, if you have any further questions or would like the opportunity to visit the school in advance please contact the school on (01803) 842289 or via e-mail at:

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