

**Department of Design and Technology**

Mr S Goodall - Subject Leader  
Mrs L Cooke  
Mrs J Banks  
Mrs L Parry  
Mr S Jervis – Technician

At St Joseph's College, Design and Technology is taught on a carousel basis at Key Stage 3. Pupils work in all material areas – Food, Textiles, Product Design, with Graphics and Systems and Control taught within the former. They are encouraged to design and make quality products and achieve excellent standards. Projects include 'Healthy eating', 'Foods from around the World', 'Scrappy Snakes', 'Zip Bags', 'Magic pen holders', 'Potato Heads and 'Sweet dispensers'.

Pupils are taught in groups of between 20 and 24. The facilities are very good, with 3 well equipped specialist rooms and a suite of 22 computers that are extensively used throughout the department at all key stages. A variety of different software packages are currently used for all material areas – Nutrition program, Solid Works, 2D design, Pro Desktop, Crocodile Clips, Fittingly Sew, are examples.

At Key Stage 4, pupils opt for Design and Technology and choose from Food Preparation and Nutrition, Textiles, and Product Design. Group sizes are around 18 pupils. The examination results throughout the department are excellent – 94% A\*-C in Textiles, 100% 4+ in Food Preparation and Nutrition and 91% A\*-C in Product Design.

At Key Stage 5, the department offers both A2 Product Design 3D, Product Design Textiles and WJEC level 3 Food science and nutrition to students wishing to continue the study of Design and Technology. In 2010 the pass rate at A level was 100% and A\*-C was above 60% in all courses.

The Department of Design and Technology is proud of its achievements and pupils are encouraged to take part in a wide variety of activities. DT Clubs include Young Engineers, Green Power and examination students are encouraged to work outside their normal lesson time in all subject areas. The department also runs a Culture and Cuisine evening where members of the local community are invited into college for high tea. These events are well supported by parents at the school. Pupils also help to produce props for concerts to further their making skills.

The person appointed will need to be enthusiastic, able to work as part of a team, confident in their ability, and be able to develop a good working relationship with our pupils. If you wish to discuss this position further, please contact Mr Simon Goodall.