



## St Gregory the Great Catholic School – Secondary Phase

### Design and Technology (KS3)

#### Year 7

##### Overview

In the Design and Technology department your child will experience a curriculum rich in challenge and excitement. The schemes of work we follow are designed to fit in with the new National Curriculum guidelines at KS3, introducing students to a variety of materials and technologies. At Key Stage 3 students complete projects on a rotation, experiencing different aspects of Metalwork, Textiles and Food technology. Within each they are working through a design process, solving various problems, developing knowledge and manufacturing products to be very proud of.

##### Groupings & Teaching / Learning style

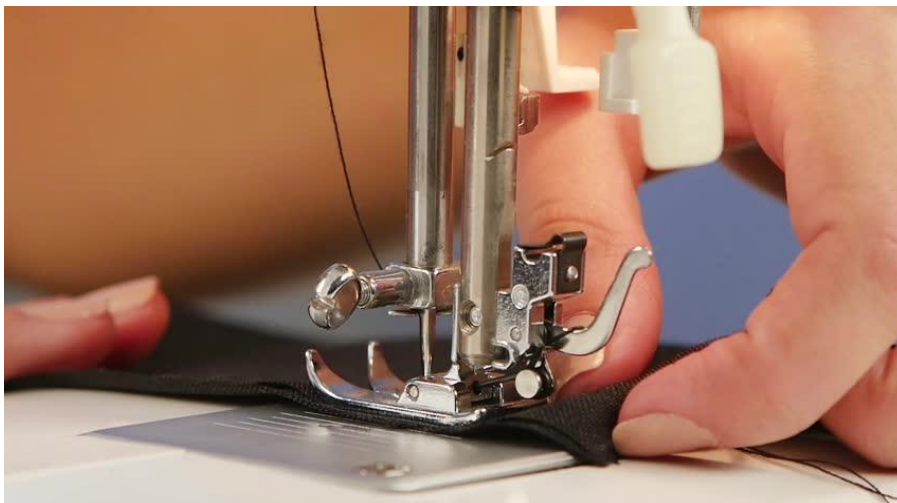
Students in year 7 are taught in mixed ability groups.

All groups work through a booklet alongside practical tasks, seeking to develop skills, knowledge and problem solving techniques.

All students will have the opportunity to take part in a wide range of extra curricular activities and clubs during lunchtime and after school.

##### Assessment

Throughout each project students will be assessed on Research & exploration, Design, Manufacture, Evaluation and Literacy & vocabulary. This work will be completed within class and assessed and monitored via Doodle Learn. The assessments are designed to target key strands of the design process complementing a transition towards KS4 (GCSE) knowledge, understanding and skill.



## **Year 8**

### **Overview**

In the Design and Technology department your child will experience a curriculum rich in challenge and excitement. The schemes of work we follow are designed to fit in with the new National Curriculum guidelines at KS3, introducing students to a variety of materials and technologies. At Key Stage 3 students complete projects on a rotation, experiencing different aspects of Electronics & polymers, Textiles and Food technology. Within each they are working through a design process, solving various problems, developing knowledge and manufacturing products to be very proud of

### **Grouping & Teaching/Learning style**

Students in year 8 are taught in mixed ability groups.

All groups work through a booklet alongside practical tasks, seeking to develop skills, knowledge and problem solving techniques.

All students will have the opportunity to take part in a wide range of extra curricular activities and clubs during lunchtime and after school.

### **Assessment**

Throughout each project students will be assessed on Research & exploration, Design, Manufacture, Evaluation and Literacy & vocabulary. This work will be completed within class and assessed and monitored via Doodle Learn. The assessments are designed to target key strands of the design process complementing a transition towards KS4 (GCSE) knowledge, understanding and skill.



## Year 9

### Overview

In the Design and Technology department your child will experience a curriculum rich in challenge and excitement. The schemes of work we follow are designed to fit in with the new National Curriculum guidelines at KS3, introducing students to a variety of materials and technologies. At Key Stage 3 students complete projects on a rotation, experiencing different aspects of Woodwork, User centred design, Textiles and Food technology. Within each they are working through a design process, solving various problems, developing knowledge and manufacturing products to be very proud of.

### Grouping & Teaching/Learning style

Students in year 9 are taught in mixed ability groups.

All groups work through a booklet alongside practical tasks, seeking to develop skills, knowledge and problem solving techniques.

All students will have the opportunity to take part in a wide range of extra curricular activities and clubs during lunchtime and after school.

### Assessment

Throughout each project students will be assessed on Research & exploration, Design, Manufacture, Evaluation and Literacy & vocabulary. This work will be completed within class and assessed and monitored via Doodle Learn. The assessments are designed to target key strands of the design process complementing a transition towards KS4 (GCSE) knowledge, understanding and skill.

