



The Design and Technology department aims to produce independent and innovative young Designers/Engineers or Chefs. All students are provided with a variety of opportunities to explore a wide range of materials and processes. They are taught how to develop high levels of designing and making skill. The following information explains how we provide for gifted and talented students.

Key Stage 3.

Key stage 3 pupils are given four opportunities per year to explore the use of Textiles, Food, Electronics, Graphic Design and Resistant Materials. During this process they will be taught a variety of designing and making skills. These skills are assessed using the National Strategy and this assessment is then used to identify those pupils who demonstrate a Gift or Talent for the subject. However, we also aim to identify those pupils who have a particular aptitude within the subject. I.e. Computer Aided Design, Cooking, etc. Once identified the pupils who demonstrate a Gift or Talent for the subject are encouraged to stretch themselves with the complexity of the designs initially in year 7. In year 8 and 9 these pupils will be placed into a top set and given an enhanced version of the Technology curriculum and have greater expectations placed on them. These pupils who have demonstrated an aptitude within a certain area of Design and Technology are encouraged to pursue this at every possible opportunity.

Alice Bardo 7FA (GREEK SALAD)



Kate Nicol 7ZP (MOISTURE SENSOR)



Key stage 4

Gifted and talented year 10 and 11 GCSE students are expected to push the boundaries when it comes to design projects. Their projects will have an added level of complexity to ensure they reach the higher grades. Higher level skills and techniques are demonstrated to groups or individuals depending on the route their major projects take them. It is expected that students with a greater aptitude in any of the four Technology subjects use a wider range of skills, with greater accuracy. The pupils studying BTec have the opportunity to complete extra task to elevate their awards from Passes to Distinctions. As with the GCSE subject, students predicted to reach the higher awards are encouraged to do so regularly.

Loretta Gamyfi 10SG (Tailored Fashion)



Key stage 5

GCE level students are expected to show a level of independence in their approach to their work. The Gift and Talented students are expected to select projects and research task that stretch their designing and making skills, along with improving their wide knowledge of the subject.

There is also the opportunity for students to select a topic or making task that they have a particular interest and explore these independently.

Bishal Chowdhury 12ZP (GCE COURSEWORK)



Lucia Holmes 12KM (GCE COURSEWORK)

