

Year 9

Year 9 gives students the opportunity to develop their wood and metal working skills through the production of a gardening trowel. This project develops their knowledge of the working properties of these materials and they experience first hand how to shape and finish these materials when producing the final product. They also develop their graphical drawing skills and explore the different aspects required to develop a successful piece of packaging. Graphics lessons explore rendering and perspective drawing techniques.

During the first two terms students cook a wide range of savoury and sweet dishes which explore foods from different cultures, a wide range of cooking skills and presentation techniques. Dishes range from pizzas to chilled cheesecakes. Students will be asked to bring ingredients once every two weeks.

Year 10

Students can specialise in one of the following subject areas:

Design & Technology (exploring the wide range of materials and processes involved in developing new and innovative products).

Textiles (garment construction and developing knowledge of decorative techniques for fabrics). Food Preparation and Nutrition (exploring foods from different cultures, food science and food provenance through the development of recipes).

Visual Communication (Graphics drawing and modelling skills including CAD and CAM).

Materials Technology (Resistant Materials products which explore the use of metals, wood and plastics).

Year 11

GCSE students will complete the non-examined assessment (NEA) task which forms 50% of the final grade during lessons. This task involves students developing their own design brief based on a context provided by the examination board. The assessment includes a portfolio of research, sketches, development sampling, planning and evaluation which all lead to the manufacture of one final product. They will also sit an external exam in the summer term of year 11.