

TECHNOLOGY

The department is well equipped and set in a modern, bright and spacious learning environment. Workshops are large, contain computer aided machinery and have access to a specialist computer suite.

Key Stage 3

We believe that pupils must have an understanding of the 'traditional' craft skills, industrial applications (CAD/CAM), the design process, how to use their imagination and develop their creativity in order to develop ideas of their own.

We make the learning experience as practical based as possible and to keep up with the pace of technology we use specialist computer aided machinery, sublimation printing and graphics software such as 2D Design, Photoshop, Speed Step and Pro-Desktop. Pupils also use information technology to produce work and learn about business and industrial practices.

Key Stage 4

Food Technology

Pupils focus on developing their practical skills and knowledge on foods, quality control and food hygiene through a hand on approach. They are also given the opportunity to acquire the Basic Food Hygiene certificate.

Graphic Products

Emphasis is placed on the implementation of computer software (CAD) and modelling. Packages used include 2D Design, Google Sketch Up, Photoshop and Pro-Desktop. They also gain hands on experience of plotters, cutting machines, scanning systems, sublimation printing, heat presses and vacuum forming.

Resistant Materials

Pupils focus on developing their 'traditional' craft skills, material knowledge and gain experience of CAD/CAM (Computer Aided Design/Computer Aided Manufacturing). We then encourage them to use their imagination and develop their creativity in order to develop ideas of their own.

Textiles

Pupils are taught to design and make products using a variety of decorative techniques such as tie dye, appliqué, fabric printing and machine embroidery. An emphasis is placed on fashion design with pupils learning basic pattern drafting techniques and constructional processes.

After school clubs include designing 3D worlds and gaming characters.