



British Values Statement - Technology

Students are taught about the moral choices facing designers & manufacturers when deciding on materials. Students use the six “R’s” of sustainability to understand and apply ways of conserving the earth’s resources.

Students develop an awareness of Health & safety for themselves and others within each specialist area.

Students are taught the social skills around behaviour self-regulation to ensure collective responsibility for a safe and efficient working environment. They are taught to challenge each other’s behaviour or practices if they fall short of the collective expectations of the group.

Students also explore how products contribute to lifestyle and consumer choices, understanding how products evolve according to users’ and designers’ needs, beliefs, ethics and values.

KS4/5

Design & Technology students study iconic British designers and art & design movements. They also look at the manufacturing industry across Britain. Students learn about the applications and advantages/disadvantages of using the following renewable sources of energy.

Food Students look at cultural influences on the food we cook and the diversity of ingredients available for us to cook with. They also learn about staple foods of other countries.

Textiles offers students the opportunity to explore the Principles, application, advantages/disadvantages to society and the environment of minimising waste production throughout the product lifecycle. Students also explore contemporary and historical art, craft and design influences. British Fashion designers are researched to understand their influences and analyse their outcomes. Design Ideas can then be created that reflect these influences.