

AYLESBURY GRAMMAR SCHOOL

DESIGN AND TECHNOLOGY DEPARTMENT PROFILE 2018



The Design and Technology department is housed in modern, purposely equipped multi-media teaching rooms, including a recently installed food and nutrition facility. The department is equipped to develop both traditional manufacturing and computer aided design and manufacturing skills. At Key Stage 3 we cover a range of material areas including hard materials, electronics, graphics together with food and nutrition. The teaching and learning prepares students in the broad areas of design and manufacture and draws on both students' interests and a number of real-world contexts as starting points for design work. In the food and nutrition area, traditional food preparation skills are complemented with learning about healthy eating and lifestyles.

At GCSE we offer courses in product design and engineering. Year 10 is spent developing knowledge, understanding and skills. Year 11 is focused around either developing a personally generated design proposal (product design) or solving a design problem in response to an exam-board generated brief (engineering). At A Level we offer product design with hard materials. Year 12 is focused around developing skills, whereas Year 13 develops students' ability to manage a personally initiated and commercially focused design project.

Currently the department has four members of teaching staff and two technicians.