



**Design and Technology provides opportunities for students to develop their capability, combining their designing and making skills with knowledge and understanding, to create quality products.**

Design and Technology is a practical and valuable subject. It enables children and young people to actively contribute to the creativity, culture, wealth and wellbeing of themselves, their community and their nation. It teaches how to take risks and so become more resourceful, innovative, enterprising and capable. Students develop a critical understanding of the impact of design and technology on daily life and the wider world.

Students will create solutions, models and make products that work and incorporate modern technologies and materials, including the use of Computer Aided Design (CAD) and Computer Aided manufacture (CAM) to produce their ideas.

Students who study Design Technology at GCSE and A level can go on to study or work in art, product design, automotive design, engineering, architecture, jewellery design, set design, fashion design and many other areas.



**"CREATIVITY**  
IS ALLOWING YOURSELF  
TO MAKE MISTAKES  
**DESIGN**  
IS KNOWING  
WHICH ONES TO KEEP"  
-SCOTT ADAMS

**Year 7** students have one specialist teacher all year which means they can build on their skills consistently after completing each unit. They will learn 2D and 3D drawing skills and Computer Aided Design (**CAD**) and Computer Aided Manufacture (**CAM**) using our laser machine to manufacture their designs. Students work with timber, plastics, textiles, paper and card during their 3 lessons per fortnight.

### **Design Technology Enrichment Classes**

Students can attend lunchtimes and after school sessions on a weekly basis. Students can receive support with their home learning or examination study.

If you have any questions please do not hesitate to contact Head of Art and Design Technology faculty, **Mrs Moore** via email at [yvonne.moore@elawnswood.co.uk](mailto:yvonne.moore@elawnswood.co.uk).

