



DESIGN & TECHNOLOGY IGCSE

IGCSE Design and Technology students take part in a design and make project that is linked to their own interests, industrial practice and the community. Projects may involve an enterprise activity, where pupils identify an opportunity, design to meet a need, manufacture products and evaluate the whole design and make process. Coursework is worth 60% of the final mark.

Pupils use ICT to help with their work, including computer aided design and manufacture (CAD/CAM) software, control programs and ICT based sources for research. They also consider how technology affects society and their own lives, and learn that new technologies have both advantages and disadvantages.

The two courses available are:

- **Resistant Materials:** This allows pupils to specialise in the focus area of Resistant Materials where they will learn about a range of materials, manufacturing processes, techniques and technologies and be able to use them as appropriate to the design and make process. Pupils will have a personal choice for their major project.
- **Graphic Products:** This is concerned with both visual imagery and the production of 3D outcomes. Candidates will be expected to demonstrate a wide range of graphic techniques to create, develop and communicate solutions to problems. The solutions will be modelled in compliant materials to convey 3 dimensional concepts to others. There will be a mixture of personal choice and set choice for the major project.

If you have chosen D&T in List 1 or List 2 on the choices sheet, please make clear on that sheet which course you prefer by indicating 'Resistant Materials' or 'Graphic Products'.

Note: You may only choose one course.

Your son should consult Mr Armstrong before choosing this subject; the earlier he does this the better.