



Design & Technology: Graphic Products

What will I learn about?

- The Design and Technology – Papers and Boards (Graphic Products) GCSE will enable you to build innovative design skills, make decisions, consider sustainability and combine skills with knowledge and understanding in order to design and make quality products.
- In year 10 students will develop architectural and interior modelling skills by designing and making a break-out space for the Post 16 centre here at Penistone Grammar School. Focused on User Centered Design, this project will build skills and knowledge of a broad range of techniques and materials used by designers in the modern world.
- Students will also design and make Promotional displays and pop up books to develop their working knowledge of papers and boards and also graphical communication skills using either traditional methods or Photoshop depending on the student's individual strengths.
- Students will build on their working knowledge of a range of CAD packages used by designers in a broad range of sectors including 2d design, Sketch up and Photoshop.

How will my work be assessed?

Component	Overview	Assessment
Examination (50% of your qualification)	The paper includes calculations, short-open and open-response questions as well as extended- writing questions focused on: Analysis and evaluation of design decisions and outcomes against a technical principle, for prototypes made by others. Analysis and evaluation of wider issues in design technology, including social, moral, ethical and environmental impacts. The paper is split into section A “core” and section B “material” categories.	Exam 1hr 45mins Total of 100 marks Students must answer all questions in section A (Core- 40 marks). Students will study section B, Papers and Boards. This covers raw material processing all the way to sustainable disposal and recycling. (60 marks).
Design & Make (50% of your qualification)	Three contextual challenges will be provided, you must choose one to respond to. You will produce a project which consists of a portfolio and a prototype. There are four parts to the assessment: Part 1: Investigate; Part 2: Design; Part 3: Make; Part 4: Evaluate	Non-examined assessment, internally assessed and externally moderated. Total of 100 marks

Who can I speak to for more information?

For more information about Graphic Products please speak to Mr Dobson, Curriculum Area Leader: Technology or contact options@penistone-gs.uk.