

### **Subject:**

**GCSE Product Design: Graphic Products**

### **How will I be assessed?**

The course is assessed by 50% examination and 50% NEA (coursework)

**Examination paper- technology in the 21<sup>st</sup> century.**

**NEA- Context to be chosen by pupil.**

### **What will I learn?**

You will learn about Technology in the 21<sup>st</sup> century and develop specific skills within Textiles. Some of the topics you will learn about at GCSE are:

- Design movements
- Pictorial drawing
- CAD and CAM
- Model making
- Designers
- Textiles materials
- Papers and boards
- Timbers and Metals
- Smart and modern materials
- Finishes on materials
- Impact of technologies on society and the environment
- Computer aided design and manufacture
- Levels of production
- Construction techniques and production methods
- Systems and electronics
- Decorative techniques
- Iterative design process
- How to produce a specification
- Research techniques both primary and secondary
- Designing and annotation

### **Why is this subject valuable?**

Graphic Products is an extremely interesting and enjoyable subject to study. It develops creativity and allows you to explore innovative design ideas. Pupils learn a wide range of skills and knowledge based information during the course. This course promotes independence, creativity, resilience and problem solving skills.

It gives pupils the opportunity to physically examine a range of graphic materials in order to make an informed choice of what is most suitable for their product. Broadening the range of fabrics available to include non-woven fabrics, which can be easily laser cut and stitched to create 3D products other than garments. Graphic Products allows pupils to access CAD/CAM when designing and making.

Working from contexts, pupils can come up with their own design brief and work towards solving it – what other subjects aside from D&T give them the opportunity to develop such strong analytical problem-solving skills?

## Graphic Products

In Graphic Products you will also develop a wide range of skills such as; problem solving, primary and secondary research, decorative and constructive techniques as well as evaluative and analytical skills. You will develop a knowledge of a range of fabrics, new technologies in graphic materials and CAD/CAM skills.

A GCSE grade in Textiles indicates to employers that you have a wide range of skills, you show resilience, creativity, independence, making skills, problem solving and adaptability.

### **Career choices where this subject would be valuable:**

**Design and pre-production:** Senior Designer, Designer, Engineer, Design room manager, Product development, Design assistant, CAD operator, Machinist, Costings manager, Specification technician. Architect, Product Designer, Interior Designer, Packaging Designer, Design & Technology Teacher, Pattern maker, Model maker, Film set designer.

**Other Career options:** Retail manager, retail operator, Retail buyer, Visual merchandiser, Warehouse manager, Marketing manager, National sales manager, Design journalist, CAD & CAM operator, Production lay planner, Purchasing coordinator, Import and shipping coordinator.