

Textiles

Course Outline

The GCSE Fashion & Textiles course is a new specification that has been developed by the WJEC. The first year of delivery is 2017. The course takes a similar structure to that of Product Design.

The GCSE Fashion & Textiles course will look to tap into your KS3 knowledge and understanding of textiles and take you many steps further on.

The course is split 50% Examination and 50% Coursework. Both of these will take place when the students are in Year 11. The exam is generally held during May. The coursework section is carried out in lesson with limited guidance from your teacher. It is therefore a requirement that students are capable of working independently in order to achieve their best possible outcome.

What will I study?

You will be expected to develop a broad knowledge and understanding of the following six distinct topic areas:

- impact of new and emerging technologies
- evaluation of new and emerging technologies
- energy
- modern and smart materials
- ecological and social footprint
- investigating and analysing the work of others

You will be expected to develop an **in-depth** understanding of the following topics.

- Different types of textiles and fibres
- Types of plastics used in the fashion and textiles
- Modern and smart materials.
- Properties of materials and be able to select based on understanding of these properties
- Typical sizes of materials and ability to calculate quantities
- Alternative processes that can be used to manufacture products to different scales of production
- Specialist techniques and processes that can be used to shape, fabricate, construct and assemble a high quality prototype.
- Appropriate surface treatments and finishes that can be applied for functional and aesthetic purposes.

The course will be delivered over 4 lessons a fortnight through a mixture of practical, theory and computer based tasks.