

Textiles

Key Stage 3

At Key Stage 3, all pupils in Technology follow a carousel throughout the year experiencing Product Design, Food Technology and Textiles alongside Art and Computer Science. Pupils undertake a range of design activities and practical tasks that develop a wide range of innovative, creative designing and making skills. Work is assessed in each focus area and this is used to formulate their end of year Technology level.



In Year 7, Textiles incorporates SMART technology allowing pupils to combine electronics within their projects utilising conductive threads and sew able components, pupils create an interactive key ring.



In Year 8 skills and knowledge are progressed in all areas building on previous years' attainments. In Textiles, pupils will create interactive pencil cases developing their sewing machine skills and use of SMART technology in addition to learning how to add a zip and combine fabrics.



In Year 9 pupils are developing their skills and knowledge aiming to achieve their highest end of Key Stage 3 level across the areas. In Textiles pupils create speaker cushions, developing their use of interactive sew able components as well as building on their use of sewing machines and application of colour to a textile product.



Fashion and Textiles

Key Stage 4

This WJEC GCSE in Design and Technology offers a unique opportunity in the curriculum for learners to identify and solve real problems by designing and making products. Through studying GCSE Design and Technology, learners will be prepared to participate confidently and successfully in an increasingly technological world; and be aware of, and learn from, wider influences on design and technology, including historical, social/cultural, environmental and economic factors.

Specification Overview

Each learner will therefore study four areas of content:

- Core knowledge and understanding
- In-depth knowledge and understanding of fashion and textiles
- Core skills
- In-depth skills of fashion and textiles



Subject Content

Unit 1: Design and Technology in the 21st Century

Written examination: 2 hours 50% of qualification

A mix of short answer, structured and extended writing questions assessing candidates' knowledge and understanding of fashion and Textiles.

Unit 2: Design and make task

Non-exam assessment: approximately 35 hours 50% of qualification



A sustained design and make task, based on a contextual challenge set by WJEC, assessing candidates' ability to:

- identify, investigate and outline design possibilities
- design and make prototypes
- analyse and evaluate design decisions and wider issues in design and technology.