

# GCSE Design and Technology: Textiles

## Course Outline:

The course sets out the knowledge, understanding and skills required to undertake the design process of exploring, creating and evaluating. The syllabus will allow students to focus on specific materials to design and make a viable product. During the course, students will be taught how to use CAD/CAM including 3D printing and laser cutting as well as traditional methods within their chosen material area.

There are three topics:

- Core technical principles
- Specialist technical principles (of the chosen material area)
- Design and making principles

## Skills/attributes developed/required:

Project management, hands-on making and critical analysis.

## Studying Textiles will develop these skills:

Drawing and presentation skills, modelling, evaluating and developing communication of ideas, CAD/CAM. The ability to meet regular deadlines.

## Additional considerations:

A £12 contribution towards materials and fabrics, a revision guide and an A3 folder. There will be a wealth of useful resources to help students through the course.

## Examination Information

**Exam Board:** AQA

**Exam:** 50% Controlled Assessment / 50% Examination (2hr paper)

**Exam outline:**

The use of mathematical skills is a key requirement, and it's tested in the examination (15% of the written paper).

### Year 10

Term 1—3 Introduction to basic construction techniques and decorative techniques.

Term 3—6 Controlled assessment task 'Research and Design' development

### Year 11

Term 1—2 Controlled assessment task—Design development, manufacture and evaluation.

Term 3—5 Exam preparation

## Where can it take me?

**Next Steps:** A Level study Product Design, / Fashion. 1 year Art and Design Foundation course or direct entry to university.

**Future career opportunities that this subject may lead to:** Fashion Textile Designer, Buyer, Merchandiser, Visual merchandiser, Colourist, Fashion Marketing, Garment Technician, Pattern Grader, Textiles Teacher.

## What Key Skills will I gain by taking Textiles?

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|---|---|
| <input checked="" type="checkbox"/> Analysing                   | <input type="checkbox"/> Independent Thinking       |
| <input type="checkbox"/> Communication - Verbal                 | <input type="checkbox"/> Listening Skills           |
| <input type="checkbox"/> Communication - Written                | <input type="checkbox"/> Presentation Skills        |
| <input checked="" type="checkbox"/> Creative Thinking           | <input checked="" type="checkbox"/> Problem Solving |
| <input type="checkbox"/> Debating                               | <input type="checkbox"/> Reading                    |
| <input type="checkbox"/> Decision Making                        | <input checked="" type="checkbox"/> Research        |
| <input checked="" type="checkbox"/> Evaluating                  | <input type="checkbox"/> Team Work                  |
| <input checked="" type="checkbox"/> Hands-On / Technical Skills |   |
| <input type="checkbox"/> Independent Learning                   |   |