



CURRICULUM OVERVIEW FOR DT-TEXTILES

KS3

**YEAR
7**

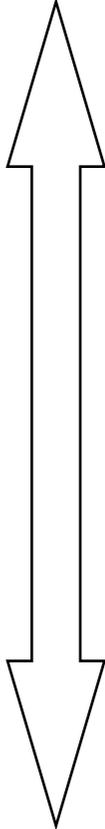
What is Textiles Technology?
 Health and safety
 Understanding and naming at least 3 Natural fibres used within the textiles.
 Understanding and naming at least 3 Synthetic fibres used within the textiles.

Designing and creativity
 Key practical skills.
 Threading a needle and hand sewing independently.
 Working to a Design Brief.
 Time management.

**YEAR
8**

Environmental issues
 Introduction to the 6 R's
 Recycling fabric.
 "Dead white mans clothes".

Working with Materials
 Understanding the sewing machine.
 Joining materials
 Developing ideas
 Fabric Decoration Techniques



**Courses Delivered
10 week Rotations**

HALF TERM 1

HALF TERM 2

HALF TERM 3

**YEAR
9**

Iterative thinking
 Design ideas and developing further.
 In-depth annotation techniques.
 Prototyping: CAD CAM
 Further Fabric decoration Techniques

The environment
 Carbon footprint
 Fast Fashion/Slow fashion
 Biodiversity and the fashion industry.

Materials
 New and emergent materials
 Smart, Modern materials.



CURRICULUM OVERVIEW FOR DT-TEXTILES

KS4

HALF TERM 1

HALF TERM 2

HALF TERM 3

HALF TERM 4

HALF TERM 5

HALF TERM 6

**YEAR
10**

Introduction project

Design and make task working with chosen materials.

Bucket hats.

Material properties

Key practical skills in working with different materials.

Energy generation

Social, moral and environmental issues in design

Complex prototyping to a design brief

Smart and Modern materials.

Looking at the work of other companies and designers.

Beginning of research for Non-Exam Assessment (NEA) worth 50% of GCSE grade.

**YEAR
11**

NEA

Research
Iterative designing

NEA

Prototype building
Testing in use
Developing ideas

NEA

Final product build
Testing with user
Evaluation

Revision

Revision

END OF EXAMINATION PERIOD

Single Award DESIGN AND TECHNOLOGY - 1 GCSE

Non Exam Assessment (NEA): 50% of GCSE

The time allowed for NEA is 30-35 hours.

External Exam assessment: 50% of GCSE

Written exam: 2 hours