

GCSE Subject: Design and Technology Textiles

What revision is expected and where can revision resources be located:

Students in textiles must revise the following topics

- Design and technology and our world
- Smart materials, composites and technical textiles
- Materials relating to all design and technology areas (resistant materials, textiles, electronics, mechanical systems and graphics)
- Fibres and fabrics
- Ecological and social footprint
- Industrial practices in textiles
- Specialist technical principles to include, decorative, construction and finishing techniques.
- Fashion designers and companies – Vivienne Westwood, Coco Chanel, Gap and Primark.
- Designing and making principles

Revision schedule given out in class in April with suggested weekly tasks organised for sections A, B and C (colour coding matches the Clear Revise revision guide)

Past questions organised by topic on the class Teams page with class Power Points

Revision questions in class every fortnight from January to April

Exam dates:

- **NEA coursework deadline;** 28th March 2025
- **Written exam;** AQA Design and Technology 8522
Wednesday 18th June 2025 AM – 2 hours

Equipment needed; Black pen, pencil, calculator, ruler, set square, protractor, compass, sharpener, rubber.

Recommended revision guides:

- AQA GCSE Design and Technology, Clear Revise Revision guide
- Collect a letter from the textiles department to purchase from Parent Pay

Help sessions available:

After school club for the NEA course work Monday and Wednesday 3.30-4.30 until April in T14.

After the NEA deadline (28th March 2025) lessons in class will focus on revision.

Recommended revision sites:

BBC Bitesize

Seneca learning

April– May 2025						
Week beginning...	Topic	Details	Revision cards made (tick)	Notes/comments	Past questions completed	Weeks left
31 March	<ul style="list-style-type: none"> Section B- Textile based materials (use mini booklet or revision guide) 	<ul style="list-style-type: none"> ❖ Selection of materials and components ❖ Forces and stresses ❖ Ecological and social footprint 				10
07 April	<ul style="list-style-type: none"> Section B – Textile based materials (use mini booklet or revision guide) 	<ul style="list-style-type: none"> ❖ Sources and origins of textile materials ❖ Using and working with materials ❖ Stock forms, types and sizes 				9
14 April	<ul style="list-style-type: none"> Section B (use mini booklet or revision guide) • 	<ul style="list-style-type: none"> ❖ Scales of production ❖ Tools, equipment and processes ❖ Surface treatments and finishes 				8
21 April	<ul style="list-style-type: none"> Section B – Textile based materials (use mini booklet or revision guide or knowledge organisers) 	<ul style="list-style-type: none"> ❖ Specialist techniques and processes-Create step by step process for pleats, seams, gathers, batik, tie dye, screen printing, applique, weaving. 				7
28 April	<ul style="list-style-type: none"> Section B – Textile based materials (use mini booklet or revision guide or knowledge organisers) 	<ul style="list-style-type: none"> ❖ Specialist techniques and processes- Create step by step process for pleats, seams, gathers, batik, tie dye, screen printing, applique, weaving. 				6
05 May	Section C- Design and make principles	<ul style="list-style-type: none"> ❖ The work of others – Vivienne Westwood and Coco Chanel ❖ The work of others – Primark and Gap 				5

12 May	Section C- Design and make principles	<ul style="list-style-type: none"> ❖ Investigation, primary and secondary data ❖ Environmental, social and economic challenge ❖ Design strategies ❖ Communication of design ideas to include drawing techniques. ❖ Prototype development 				4
19 May	<ul style="list-style-type: none"> • Section A - core 	<ul style="list-style-type: none"> ❖ New and emerging technologies ❖ Energy generation and storage ❖ Developments in new materials 				3
26 May	<ul style="list-style-type: none"> • Section A - core 	<ul style="list-style-type: none"> ❖ Material areas to include woods, polymers, metals ❖ Systems approach to designing ❖ Mechanical devices, motions and levers. 				2
2 June	<ul style="list-style-type: none"> • Past papers/final catch up on revision 	<ul style="list-style-type: none"> ❖ Keep practising any remaining past papers and re-reading revision cards/notes 				1
9 June	<ul style="list-style-type: none"> • Past papers/final catch up on revision 	<ul style="list-style-type: none"> ❖ Keep practising any remaining past papers and re-reading revision cards/notes 				0

Exam date for AQA GCSE Design and Technology (Textiles) (8552/W)

Wednesday 18th June 2025

Start time: AM

Duration: 2h