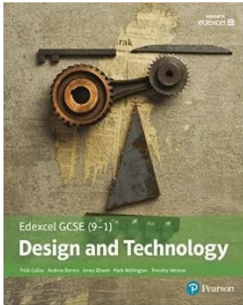


GCSE D&T: Textiles pathway

Exam Duration	1 hour 45 minutes Qualification breakdown: <ul style="list-style-type: none"> ● 50% exam (40% core theory and 60% textiles theory) ● 50% coursework (now known as non-examined assessment or NEA), 	Equipment needed: <ul style="list-style-type: none"> ● Black biro/pen plus one spare ● Calculator ● Ruler ● Pencil plus spare ● Eraser ● Sharpener
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Revision Resources Exam Board: <ul style="list-style-type: none"> ● Pearson Edexcel ● Specification code: 1DT0 ● Textiles Code: 1DT0/1E 	<ul style="list-style-type: none"> ● Student's own core theory folder and class notes. ● Edexcel Textbook available on Amazon. <p>**If looking at other textbooks make sure they are for the Pearson Edexcel syllabus**.</p> 
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Exam Revision Checklist

Paper	Content	Revised?
Section A Core theory Section 1 of D&T syllabus (40% of exam paper)	<ul style="list-style-type: none"> ● 1.1 Impact of new and emerging technologies industry/enterprise/sustainability/people/culture/society/environment/production techniques and systems ● 1.2 Impact of critical evaluation on design both now and in the future, including ethics and the environment. ● 1.3 Energy generation, storage and use, including types of power systems ● 1.4 Smart and modern materials, composite materials and technical textiles. ● 1.5 Movement levers, linkages, cams, followers, pulleys and belts, cranks, sliders and gears. ● 1.6 Electronic systems and their uses - sensors, control devices and outputs. ● 1.7 Programmable components - flowcharts, switches, analogue inputs, routines. ● 1.8 Categorisation, types, properties and structure of ferrous and non-ferrous metals ● 1.9 Categorisation, types, properties and structure of papers and boards 	

	<ul style="list-style-type: none"> ● 1.10 Categorisation, types, properties and structure of thermoforming and thermosetting polymers ● 1.11 Categorisation, types, properties and structure of natural, synthetic, blended and mixed fibres, and woven, non-woven and knitted textiles. ● 1.12 Categorisation, types, properties and structure of natural and manufactured timbers. ● 1.13 Understand the performance characteristics of a wide range of materials and components and when to use them. ● 1.14 The environmental, social and economic challenges around designing and making. ● 1.15 Analyse the work of past and present designers: Alessi, Apple, Heatherwick Studio, Joe Casely- Hayford, Pixar, Raymond Loewy, Tesla and Zaha Hadid. ● 1.16 The different ways of designing ● 1.17 Understand the different ways in which designs can be communicated and developed. 	
<p>Section B Textiles theory Section 6 on D&T syllabus (60% of paper)</p>	<ul style="list-style-type: none"> ● 6.1 Design contexts apply your textiles knowledge to a given design or product. ● 6.2 Understand the origins, sources, physical and working properties of natural, synthetic, woven, non-woven, knitted, blended and mixed-fibre textiles, including their social and ecological footprint. ● 6.3 Understand how the physical and working properties influence the selection of materials for a product. ● 6.4 Understand how all fabric and fibre types can be supported and reinforced. ● 6.5 Understand how stock forms and sizes are used in industry and be able to justify their selection. ● 6.6 Understand the different manufacturing systems used in industry for each fibre type, specifically cutting and shaping, production systems and batch/flow methods for quantity production. ● 6.7 Techniques, machinery and equipment used to construct products in all fabrics types. ● 6.8 Surface decoration techniques, their advantages and disadvantages. Including fabric painting, batik, laminating, couching, 	

	embroidery, applique, printing, resist dyeing, patchwork, quilting, chemical, physical, biological and smart materials.	
	<p><u>Remember:</u></p> <ul style="list-style-type: none">● Eating and sleeping well in the run up to exams is really important.● Get into good habits and cut down on junk food and sugary snacks.● Drink lots of water as this will help keep your brain operating.● Feeling anxious about exams is normal - you are like an athlete ready for a big race. Always speak to someone if you are worried. <p><u>Key revision tip:</u></p> <ul style="list-style-type: none">● Little and often. Keep your brain ticking over.● If you go blank in an exam, always put what you think is a sensible answer. Lots of textiles questions involve common sense too.● Read the question carefully (RTQ) - break down the command words, underline and highlight key words.● Answer the question (ATQ) you have just analysed, not what you think you read. For example a common mistake in Textiles exams is to see the word computer and think the answer is only about the internet, so be careful!	