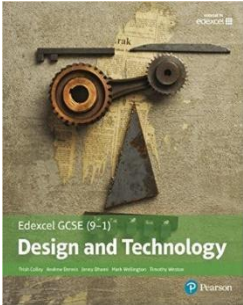


GCSE D&T: Textiles pathway

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
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> 	
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, 	

	<p>patchwork, quilting, chemical, physical, biological and smart materials.</p>	
	<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! 	