

GCSE Design & Technology- Year 11 Term 1.1 (Exam Board EDUQAS)



Unit of study- Design and technology and our world		
<p>Specification Natural, synthetic, blended and mixed fibres, and woven, non-woven and knitted textiles.</p> <ul style="list-style-type: none"> • The categorisation and working properties of fibres and textiles. • The raw materials of textiles are classified according to their source. • Natural polymers: <ul style="list-style-type: none"> • Animal polymers: wool/fleece – mohair, cashmere, angora, alpaca, camel (hair). • Insect polymers: silk. • Plant polymers: cotton, linen hemp, jute, rayon, viscose. • Manufactured polymers: <ul style="list-style-type: none"> • Synthetic: polyester, polypropylene, nylon, acrylic, elastane, lycra, aramid fibres. • Microfibrils – Tactel, Tencel (Lyocell). • The properties of textiles fibres: strength, elasticity, absorbency, durability, insulation, flammability, water-repellence, anti-static and resistance to acid, bleach and sunlight. • Blending and mixing fibres improves the properties and uses of yarns and materials. 	<p>Aims & Objectives:</p> <p>To revise key knowledge so that you can recall and use key terms and knowledge accurately.</p> <p>To recap key sections from the topic and embed understanding of key knowledge.</p> <p>To practise long answer exam style questions to improve confidence in completing the written exam.</p>	<p>Revision links:</p> <p>GCSE Bitesize Revision Link</p> <p>GCSE POD</p> <p>Revision Guide Link- Pages 20-24</p> <p>Term 1A Knowledge Organiser</p> <p>Textiles- Resource 1</p> <p>Textiles- Resource 2</p> <p>Textiles- Resource 3</p> <p>Tasks you could complete independently:</p> <ul style="list-style-type: none"> • Mind maps • Flash cards • Revision guide questions (found at the bottom of each page).
	<p>Types of tasks to expect:</p> <p>You will be set a long answer exam question during the last week of the half term based on a topic within the Textiles section.</p> <p>You will also be set short Quizizz to complete for each of the other weeks in the half term again based on topics within the textiles section.</p> <p>Students should also complete any outstanding coursework.</p> <p>Where? A printed copy of the homework exam question will be provided to you. This will also be available in Google Classroom</p> <p>Homework will also be posted on ClassCharts.</p> <p>When? Key knowledge quizizz will be set at the beginning of each week (weeks 3,4,5,& 6). This should be submitted before the first lesson the following week.</p> <p>The exam question will be set once a half term (week 7) and this should be submitted before the first lesson the following week (week 9).</p> <p>Feedback Quizizz will be automarked by the programme. The exam question will be given detailed feedback and DIRT will be provided where appropriate.</p>	

