



Subject: Textiles

Term: 1

Year group	What we are studying	Work to complete
Year 8	Textiles	<p>Task 1            Modern materials are materials that have been produced through the invention or discovery of new processes. A designer will make use of these to make new and improved products.            GRAPHENE            METAL FOAM            TITANIUM            LIQUID CRYSTAL DISPLAY            NANO MATERIALS            POLYTETRAFLUORETHYLENE (PTFE)            CORN STARCH POLYMERS            ANODISED ALUMINIUM            NICKEL PLATING            POLYMER COATED STEEL.            Choose <b>1</b> of the above to produce a document that covers a <b>description, the properties and application</b> of your chosen product. You may submit your work in the form of a handwritten or typed document and you may include any number of images.</p> <p>Task 2</p> <p style="text-align: center;"><b>TEXTILES</b></p> <p>Fabrics and textiles are used for much more than clothing and there are many different types of fibre and fabric available. The starting point for all fabrics is the fibre, which is a very fine hair-like structure and the properties of the fibre will depend on where it comes from.</p> <p><b>NATURAL FIBRES</b>            Come from plants – cotton and flax, and animals – sheep and silkworms.            Research <b>WOOL, COTTON AND SILK</b> and create a table to explain the <b>PROPERTIES</b> of each one.</p> <p><b>SYNTHETIC FIBRES</b>            These are made from oil-based chemicals.            Research <b>POLYAMIDE, POLYESTER AND ELASTANE</b> and create a table to explain the <b>PROPERTIES</b> of each one.            What are blended fabrics? Give examples.            What are non-woven fabrics? Give examples.</p>

