

Sector 3 Textiles and Clothing

The written examination paper is split into two sections.
Section A is worth 50 marks and Section B is worth 60 marks.

In **Section A** you will need to answer a range of general questions.

To prepare for Section A, you should study and understand the design and manufacture of a range of mass produced products belonging to and used in the *Textiles and Clothing* sector.

You should be able to:

- Name and identify products from this sector including appropriate uses and applications
- Identify a range of components used in the manufacture of textiles and clothing products and their uses
- Identify the stages in manufacturing products from this sector
- Name and understand the functions of modern materials used in products in this sector
- Identify, apply and evaluate new technologies including CAD/CAM, ICT, systems and control technology and CIM
- Know and understand the benefits new technology can have on a company relating to communications, control of production, automation, distributors and consumers
- Know how old technology has been replaced by new technology

For **Section B** you should carry out research into the stages in manufacturing **mass produced laptop cases**.



You should be able to:

- Identify the parts/components used in laptop cases and explain their functions
- Name and explain the functions of modern materials and their impact on product characteristics and the environment
- Explain and identify appropriate processes including machining and finishing when manufacturing the product
- Name and describe the stages in manufacture
- Explain the impact of quality and computer control when used in production and packaging & dispatch.
- Explain how ICT is used and impacts on the stages of manufacturing the laptop cases
- Explain how new technologies impact on materials supply and control, the workforce and the working environment.

You should also familiarise yourself with the *Detailed unit content* section of the GCSE specification – Unit 3: Application of Technology in Manufacturing.