

DESIGN AND TECHNOLOGY (TEXTILES TECHNOLOGY)

(For the Foundation and Higher Tiers of the Full and Short Courses)

PREPARATION SHEET FOR THE 2007 EXAMINATION 3547/57/PM

Instructions

- This Preparation Sheet will be given to you on or after 1 March 2007. The context for **some** of the examination questions is given below.
- Between 1 March and the examination date you will have the opportunity to research the context with the guidance of your teacher.
- **No Preparation Sheets or any associated material may be taken into the examination room.**

INSPIRATIONAL THEME: RECYCLING

RESEARCH CONTEXT: NEW AND ORIGINAL PRODUCTS

- Research the work of designers and companies who reuse fabrics, components and textile products to make new and original textile products.
- Investigate decorative techniques which could be used on new textile products made from reused fabrics and components.
- Produce some initial designs which you can develop into a final product in the examination.
- Consider environmental issues relating to textiles.
- Research different manufacturing systems.
- Research how Computer Aided Design (CAD) and Computer Aided Manufacture (CAM) are used in industrial production systems.

Turn over ►

Please note that the following case study is only **one** example of how a designer recycles textile products.

There are many others you can research and investigate.

CASE STUDY

Amanda Ercol is one of a number of textile designers producing exciting new products made from discarded, unfashionable second-hand garments. The range she is working on is based on denim and includes hats, bags, cushions and fashion tops. The designs are very popular with the public and her business is a growing success.

Amanda finds that the popularity of the denim range is based on a number of facts.

- The products are fashionable.
- There is a good supply of denim products available for recycling.
- Existing garments being recycled are disassembled and cleaned before use.
- Only the best quality recycled fabrics and components are used.
- Modern, exciting new materials and components are used with the recycled materials to make the new products more interesting.
- Denim fabrics can be pleated, cut, frayed and distressed to make them look fashionable.
- Denim is a natural fabric and can easily be coloured using modern techniques.

In the future Amanda intends to extend her range of products by using a wider variety of fabrics. This will follow the trend for customised and vintage clothing.

