

Candidate Style Answers

GCSE Design and Technology: Textiles

OCR GCSE in Textiles Technology: J307

Unit: A572

These candidate style answers are designed to accompany the OCR GCSE Textiles Technology specification for teaching from September 2009.

GCSE Design and Technology: Textiles

Unit A574 Technical Aspects of Designing and Making

OCR has produced these candidate style answers to support teachers in interpreting the assessment criteria for the new GCSE specifications and to bridge the gap between new specification release and availability of exemplar candidate work.

This content has been produced by senior OCR examiners, with the support of the Qualification Manager, to illustrate how the sample assessment questions might be answered and provide some commentary on what factors contribute to an overall grading. The candidate style answers are not written in a way that is intended to replicate student work but to demonstrate what a “good” or “excellent” response might include, supported by examiner commentary and conclusions.

As these responses have not been through full moderation and do not replicate student work, they have not been graded and are instead, banded “medium” or “high” to give an indication of the level of each response.

Please note that this resource is provided for advice and guidance only and does not in any way constitute an indication of grade boundaries or endorsed answers.

4 A company wishes to include a wall hanging for a child's room in its product range.

The specification for the product is to:

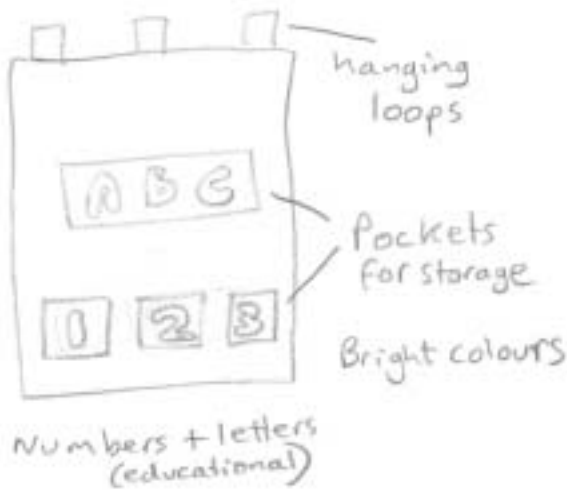
- hold a range of small toys;
- have educational value;
- be environmentally friendly to produce.

a) In the space below, use sketches and notes to show your initial ideas.

(4)

Candidate style answer

Examiner's commentary



Medium level answer

There is only one sketched solution with notes.

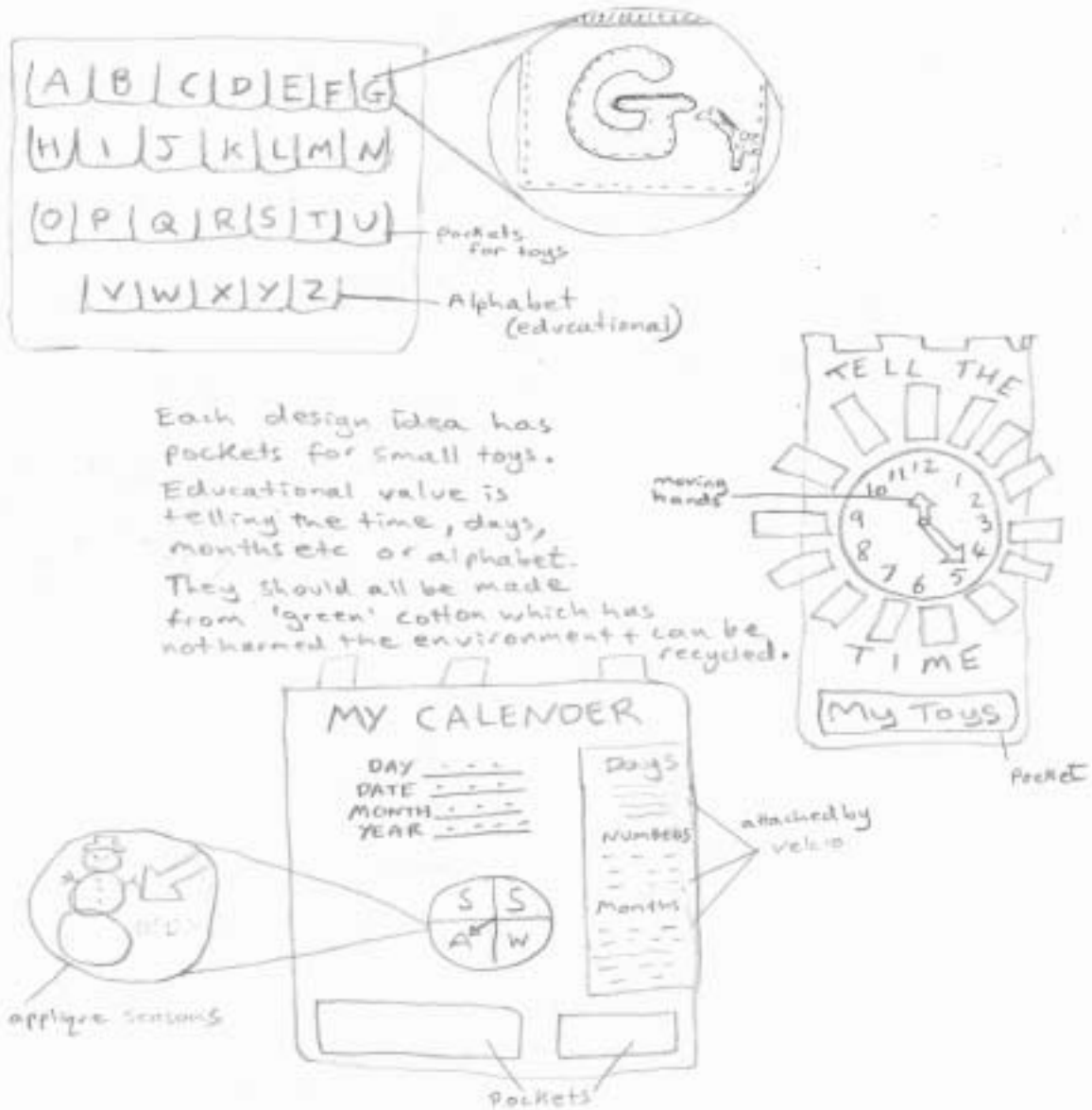
One more sketch with notes would gain a further mark.

A range of solutions with reference to all three of the specified points would gain full marks.

4a) See page 3 for the question.

Candidate style answer

High level answer



Examiner's commentary

A range of solutions, with notes, has been presented.
Reference to all three of the specified points has been made.

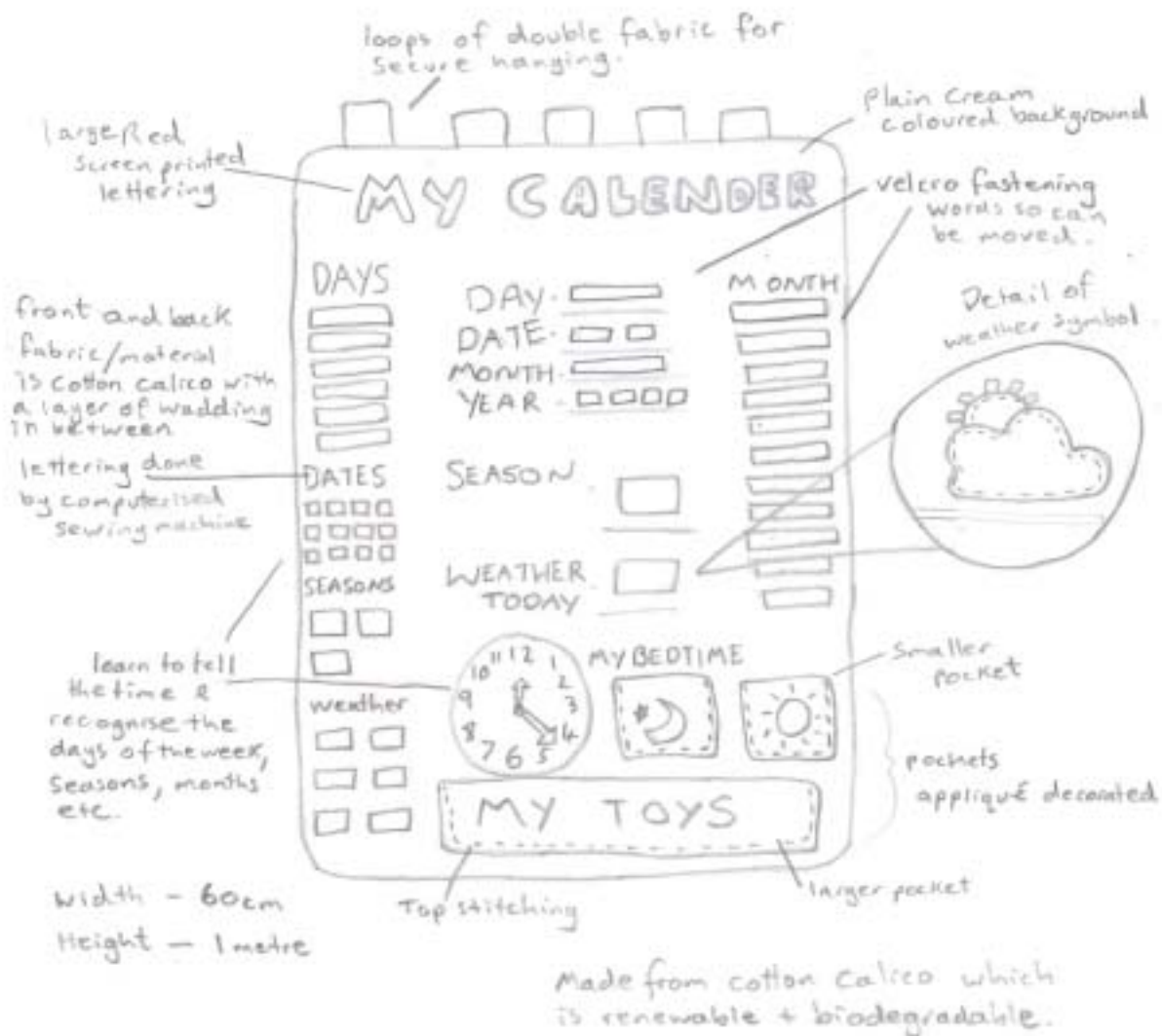
4b) In the space below, show your final design idea.

Annotate your sketch to show all important design and construction details.

(8)

Candidate style answer

High level answer



Examiner's commentary

This is a fully detailed design.

Colour and fabric are named; decorative techniques are given; educational value explained; includes different sized pockets; exploded detail of weather symbol; environmental issues explained; measurements given.

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| <p>5 Consumers are increasingly aware of the need to protect and preserve the environment. a) Describe steps that can be taken to reduce the impact of fibre production on the environment. (6)</p> | |
| <i>Candidate style answer</i> | <i>Examiner's commentary</i> |
| <p><i>Using fewer chemicals in fibre production will reduce the impact on the environment. Waste such as dyes should be treated so that when disposed of it will not harm the environment. Recycling water and heat used in the production process will reduce energy consumption and waste.</i></p> | <p>Medium level answer Three points given.</p> |

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| <p>5 Consumers are increasingly aware of the need to protect and preserve the environment. a) Describe steps that can be taken to reduce the impact of fibre production on the environment. (6)</p> | |
| <i>Candidate style answer</i> | <i>Examiner's commentary</i> |
| <p><i>Production of natural fibres could use organic methods for example not using chemical pesticides but introducing a natural predator instead. Man-made fibres could be produced using renewable resources such as plastic bottles for polartec fleece. Reducing waste is important as well, the clothing company 'Warehouse' has started collecting and re-spinning the silk off-cuts from its factories so that they can be recycled into new fabric. Any waste products from dyes should be minimised and disposed of using environmentally friendly methods. Natural dyes rather than chemical dyes should be used so any waste is biodegradable. The amount of water and energy used in the production system should be reduced as far as possible, computer systems could be used to promote efficiency, and renewable sources of energy such as wind or solar power should be used.</i></p> | <p>High level answer Six points described that clearly give relevant ways of reducing environmental impact of fibre production.</p> |

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| <p>5 Consumers often tire of textile products before they reach the end of their useful life.</p> <p>b) Discuss how such textile products can be given a new lease of life. (6)</p> | |
| <i>Candidate style answer</i> | <i>Examiner's commentary</i> |
| <p><i>Textile products can be recycled by using for something else or given away to a charity shop for example.</i></p> <p><i>Clothes could be altered, motifs or logos could be sewn on or it could be dyed to make them fashionable again. Curtains could be made into cushions. Zips and buttons can be taken off and reused for something else.</i></p> | <p>Medium level answer</p> <p>An adequate discussion, showing some understanding of how textile products can be given a new lease of life. The information for the most part is structured and there are only occasional errors of grammar, punctuation and spelling.</p> |

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|---|---|
| <p>5 Consumers often tire of textile products before they reach the end of their useful life.</p> <p>b) Discuss how such textile products can be given a new lease of life. (6)</p> | |
| <i>Candidate style answer</i> | <i>Examiner's commentary</i> |
| <p><i>A textile product could be re-modelled or re-fashioned to give it a more up to date look, for example shortening a skirt or cutting off trousers to make a pair of shorts. A product such as a cushion cover could be decorated with embroidery or dyed to make it more fashionable and attractive and to match a new colour scheme.</i></p> <p><i>The fabric itself could be re-used. It could be used for patchwork or appliqué or to make another product, for example a pair of jeans could be cut up and made into a bag. Components such as zips or buttons could be taken off and re-used and the rest of the fabric cut up and used for cleaning cloths. Another method would be to give the item to a friend or pass it on to another member of the family who will use it; this is particularly good for children's clothes. They could also be given to charity shops.</i></p> | <p>High level answer</p> <p>A well structured discussion with detailed examples of how textile products can be given a new lease of life. Specialist terms are used appropriately and correctly. The candidate demonstrates accurate use of spelling, punctuation and grammar.</p> |