

# GCSE 2004

## *June Series*



# Mark Scheme

## Home Economics: Textiles

3563 Higher Tier

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Mark schemes are prepared by the Principal Examiner and considered, together with the relevant questions, by a panel of subject teachers. This mark scheme includes any amendments made at the standardisation meeting attended by all examiners and is the scheme which was used by them in this examination. The standardisation meeting ensures that the mark scheme covers the candidates' responses to questions and that every examiner understands and applies it in the same correct way. As preparation for the standardisation meeting each examiner analyses a number of candidates' scripts: alternative answers not already covered by the mark scheme are discussed at the meeting and legislated for. If, after this meeting, examiners encounter unusual answers which have not been discussed at the meeting they are required to refer these to the Principal Examiner.

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*Dr Michael Cresswell Director General*

**Higher Tier**

**NB** This mark scheme is intended as a guide to the type of answer to be awarded credit. It is not intended to be exhaustive or prescriptive and other equally acceptable responses must be given credit.

Where answers are assessed according to levels of response, an indication of what is expected is given below:

**Level 1** will show a basic grasp of the situation, may be confused, and will lack detail;

**Level 2** shows understanding with some detail/exemplar given;

**Level 3** will show clear understanding of the complexity of the situation with knowledge to support ideas.

**Question 1** (a) Candidate should show a design for a child's top with an appliqué design based on a toy for the back.

The following should be considered:

Appropriate fastening(s), decorative feature, sleeves, other details such as back view, pocket, clarity of labelling/communication, balanced design/effective use of space, proportions, appropriate for young child.

**Marks awarded as follows:**

**Level 1:**

Untidy presentation with lack of detail, top may not be most appropriate for the user, weak appliqué design.

**1-2 marks**

**Level 2:**

Sound design idea with clear communication about top and end-user - this may be inappropriate in places. Neat work but design idea lacks some coherence and overall composition may be weak. Back view may be omitted.

**3-5 marks**

**Level 2/3:**

Clear detailed design idea for top suitable for end user. Appliqué may lack some interest and some style details may be omitted.

**6-9 marks**

**Level 3:**

Clear, fully detailed design idea for a top which is highly appropriate for intended end user. Well balanced appliqué design composition, and originality shown throughout.

**10-12 marks**

**12 marks**

(b) (i) Sewing fabric shapes (1m) onto a background fabric (1m) **2 marks**

(ii) Clear details of the steps needed in making the appliqué should be given. Notes and diagrams should be included.

**Marks awarded as follows:**

**Level 1:**

Very basic detail with few notes/diagrams to explain what is intended, explanation confused. This candidate displays little knowledge and is unable to explain technique.

**1-2 marks**

**Level 2/3:**

Clear detail with supporting notes/diagrams, explanation adequate and would achieve desired effect This candidate has a good grasp of the technique.

**3-5 marks**

**5 marks**

(c) (i) E.g. correct tension, stitch length, matching thread, sharp needle

**Any 2 appropriate checks**

**1 mark each**

**2 marks**

(ii) Helps prevent missed stitch

**1 mark**

(d) (i) Must not have a drawstring (1m), use elastic instead (1m), danger of strangulation (1m)

**2 points, 1 mark each**

**2 marks**

(ii) E.g. accurate even placement, strong/even stitching, no puckers, neat finish at CF, edges neaten, matching colour thread

**Any 2 points, 1 mark each**

**Explanation of each point, 1 mark each**

**4 marks**

(e) (i) E.g. thickness of fabric, finished strength, decorative or not, depth of turning

**Any 2 points, 1 mark each Explanation of each point, 1 mark each**

**4 marks**

(ii) Candidate should explain the making of a hem appropriate for a top in a fleece fabric, e.g. single turning overlocked.

**Marks awarded as follows:**

Edges turned under 1 mark

Neatening 1 mark

Stitching placement 1 mark

Diagrams 2 marks

**5 marks**

- (f) (i) Advantages: exact size and fit required, wider choice of fabric and style, cheaper, originality, interesting hobby

**Marks awarded as follows:**

Basic discussion of advantages without detail or comparisons made with ready made.

**1-2 marks**

Detailed discussion of advantages with comparison with ready made.

**3-5 marks**

**5 marks**

- (ii) Disadvantages: involves time and effort, may not achieve professional finish, may not be good fit, may not be able to buy up-to-date fabrics and components, need to invest in equipment

**Marks awarded as follows:**

Basic discussion of disadvantages without detail or comparisons made with ready made.

**1-2 marks**

Detailed discussion of disadvantages with comparison with ready made.

**3-5 marks**

**5 marks**

**Total 47 marks**

**Question 2** (a) E.g. fabric is warm to wear, soft, hardwearing, easy care, dries quickly

**Marks awarded as follows:**

**Level 1:**

Minimal detail which tends to concentrate on fibre content only. There may be incorrect information.

**1-2 marks**

**Level 2:**

A range of properties relating to fibre and fabric, there may be a lack of accuracy and/or relevance in information.

**3-4 marks**

**Level 3:**

Correct and appropriate information about several properties related to fibre and fabric.

**5-6 marks**

**6 marks**

- (b) (i) Top may be washed (1m), at max of 40 °C (1m), with much reduced mechanical action (1m)  
**2 points, 1 mark each** **2 marks**
- (ii) Do not bleach **1 mark**
- (iii) May be ironed (1m) at low heat setting (1m) **2 marks**
- (iv) May be dry cleaned **1 mark**
- (c) Zip:  
Advantages: E.g. quick/easy to use, decorative, easy to fit  
Disadvantages: E.g. may get caught in use, teeth can break
- Poppers:  
Advantages: E.g. quick/easy to use, decorative, durable  
Disadvantages: E.g. can be difficult to fit, may pull out of fabric, leave gaps in opening, may not be easy for child

**Level 1:**

Candidate considers very few points in minimal detail. There is little consideration of their suitability for end use.

**1-2 marks**

**Level 2:**

Candidate makes fair comparisons of styles but there is limited evaluation of their suitability for end use.

**3-4 marks**

**Level 3:**

Candidate makes sound comparisons of styles with thorough evaluation of their suitability for end use.

**5-6 marks**

**6 marks**

- (d) Type: eg 100% polyester (1m),  
Reasons: eg has some give (1m), to match fabric (1m),  
similar care (1m), strong thread (1m).

**2 points, 1 mark each**

**3 marks**

**Total 21 marks**

- Question 3** (a) E.g. Style A has mock fly, inset pockets, elasticated back waist, turn-ups

Style B is plainer with knee patches, back patch pockets, elasticated waist, back yoke

**Marks awarded as follows:****Level 1:**

Candidate describes styles in minimal detail. There is little consideration of their suitability for end use.

**1-3 marks**

**Level 2/3:**

Candidate makes effective comparisons of styles and makes good evaluation of their suitability.

**4-6 marks**

**6 marks**

- (b) Candidate is expected to evaluate the performance of the two fabrics over a period of time. This should include reference to the properties of the two different fabrics in relation to the expected use of the trousers.

E.g. Fabric A is likely to pill although it might be stronger, Fabric B is strong but may not wear as well because it may wear quickly. Fabric A will hold its shape because of the Lycra content but Fabric B may stretch out of shape. Fabric B will be warmer in winter but fabric A will be cooler in summer.

**Marks awarded as follows:****Level 1:**

Minimal detail which tends to concentrate on one fibre only. There may be incorrect information.

**1-3 marks**

**Level 2/3:**

A range of properties relating to both fibres, there may be a lack of understanding of end use.

**4-6 marks**

**6 marks**

- (c) Candidate may refer to cost, style features, fabric, allowance for growth or other as appropriate in relation to intended use. Reference should be made to one pair of trousers and decisions justified in relation to end use and value for money.

**Marks awarded as follows:****Level 1:**

Opinionated statements with little justification to substantiate viewpoint made. Simplistic reference to costs.

**1-2 marks**

**Level 2:**

Candidate makes a number of points and gives a viewpoint with sound justification for it.

**3-4 marks**

**Level 3:**

Candidate makes a number of points and gives justification for both viewpoints.

**5-6 marks**

**6 marks**

**Total 18 marks**

- Question 4**
- (a) Iron C **1 mark**
- (b) Iron A **1 mark**
- (c) Iron A **1 mark**
- (d) Iron C **1 mark**
- (e) The iron can be used vertically **1 mark**
- (f) They were dropped **1 mark**
- (g) Should be very reliable as professional ironers involved together with a user panel and presumably controlled conditions. Some room for error as judgements could be subjective.



**Marks awarded as follows:****Level 1:**

Opinionated statements with little justification. Simplistic reference to consumer magazine.

**1 mark**

**Level 2/3:**

Candidate justifies decision with evidence from notes. Will probably be aware that there is some room for error in the testing.

**2-3 marks**

**3 marks**

- (h) E.g. Iron A is expensive but has vertical steaming which would be useful for someone who irons a lot of furnishings. It has the highest quality, overall performance and safety and would be worth considering for someone who uses an iron a lot for a family iron and/or sews a lot.

E.g. Iron B scored reasonably well as the others in most categories and has a range of functions but not vertical steaming. It is of a reasonable quality for almost half the price of Iron A and would be more than adequate for family ironing. Its slightly lighter weight might be more comfortable in use when ironing a large family wash but perhaps not so good when pressing.

**Marks awarded as follows:****Level 1:**

Opinionated statements with little reference to potential end use/consumer groups. Will tend to give information in chart without evaluation of suitability.

**1-2 marks**

**Level 2/3:**

Candidate makes a number of references to end use and justifies them in light of information given. Evaluation of potential use is sound and sensible comparisons made.

**3-4 marks**

**2 irons = 4 marks each**

**8 marks**

- (i) BSI assurance (1m) of electrical safety (1m), irons are tested to ensure safety in use (1m)

**2 points, 1 mark each**

**2 marks**

- (j) If item faulty consumer is legally (1m) entitled to refund (1m) or repair (1m) or exchange (1m)

**Any 3 points, 1 mark each**

**3 marks**

- (k) E.g. electrical safety, don't leave switched on when not in use, iron is very hot so care needed to avoid burns, steady ironing surface, switch off before filling with water, keep away from children and pets, allow to cool before storing, care with flex to avoid tripping, adequate lighting, first aid kit available.

**Marks awarded as follows:****Level 1:**

Basic explanation of safety tending to concentrate on one aspect, few examples given.

**1-2 marks**

**Level 2:**

Sound advice relating to a number of areas with limited examples.

**3-5 marks**

**Level 3:**

Detailed advice supported by a range of appropriate examples.

**6-7 marks**

**7 marks**

**Total 29 marks**

**Total Paper Mark 115**