TEXTILE TECHNOLOGY AND DESIGN

LEVEL: FORM 4

TASK TYPE: GARMENT CONSTRUCTION

TASK TYPE: PROJECT

CONCEPT/SKILLS

- critical thinking
- creativity
- problem solving
- hand-on
- financial literacy
- decision making

Dimensions/criteria to be assessed

- Designing a garment suitable for a school uniform skirt/short.
- Naming the pattern pieces.
- Drawing the layout.
- Writing the order of work.
- Constructing the garment.
- Costing the garment.
- Modelling wearing the garment.

Objectives

- To design a garment suitable for a school uniform skirt/short.
- To name the pattern pieces.
- To draw the layout.
- To write the order of work.
- To construct the garment.
- To cost the garment.
- To model wearing the garment.

Task content

The learner will:

- design the garment suitable for a school uniform skirt/short
- draw the layout, write the order of work
- construct, cost and model the garment

Task description

Designing the garment: drawing the layout and writing order of work.

- constructing and costing the garment
- modelling wearing the garment
**Background**
Most learners in disadvantaged communities may not have adequate clothing to wear at home and at school. As a designer you have been asked to design a garment for school wear. The design should include the following processes:

At least 2 seams

- 1 method of controlling fullness
- 1 pocket/s /sleeves
- 1 fastening
- 1 opening
- 1 waistline finish/neckline finish
- Hem-edge finish

- Name the pattern pieces.
- Draw the layout.
- Write the order of making the garment.
- Make the garment.
- Cost the garment.
- Model, wearing the garment.

You are advised to:

- show creativity in your design
- make use of drafted or commercial patterns
- show good workmanship of processes
- display good modelling skills
- present work neatly
MARKING GUIDE

Design 8 marks

- suitability 1
- proportion 1
- specification 4
- creativity 1
- labelling 1

Fabric 1 mark

- suitability of fabric 1

Layout 10 marks

- utilisation of fabric 2
- correct placement of pattern pieces: 3
- correct labelling 3
- correct shape of pattern piece 2

Order of work 5 marks

- sequencing 4
- all processes included 1

Construction 55 marks

(a) Cutting out: 2 marks

- All pattern pieces on grain: 2 marks

(b) Fullness: 6 marks

- One suitable method of controlling fullness.

(i) Dart: straight line of stitching 1
tapering 1
to a point on w.s. 1
securing 1
correct pressing 1
flatness on R.S. & W.S. 1

(ii) Pleats: Even width 1
Even spacing 1
Flatness on W.S. 1
Flatness on R.S. 1
Top-stitching, arrowhead, pleat underlay 2
<table>
<thead>
<tr>
<th>Component</th>
<th>Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>(iii) Tucks:</strong></td>
<td></td>
</tr>
<tr>
<td>Straight stitching</td>
<td>1</td>
</tr>
<tr>
<td>Good tension</td>
<td>1</td>
</tr>
<tr>
<td>Securing</td>
<td>1</td>
</tr>
<tr>
<td>Even width</td>
<td>1</td>
</tr>
<tr>
<td>Even spacing</td>
<td>1</td>
</tr>
<tr>
<td>Flatness</td>
<td>1</td>
</tr>
<tr>
<td><strong>(iv) Gathers:</strong></td>
<td></td>
</tr>
<tr>
<td>Distribution</td>
<td>3</td>
</tr>
<tr>
<td>Quality</td>
<td>1</td>
</tr>
<tr>
<td>Position of gathers</td>
<td>1</td>
</tr>
<tr>
<td><strong>(v) Elastic and casing:</strong></td>
<td></td>
</tr>
<tr>
<td>Even width of casing</td>
<td>1</td>
</tr>
<tr>
<td>Stitching of casing</td>
<td>1</td>
</tr>
<tr>
<td>Flatness of elastic</td>
<td>1</td>
</tr>
<tr>
<td>Joining/secureing of elastic</td>
<td>1</td>
</tr>
<tr>
<td>Method of neatening the slot</td>
<td>2</td>
</tr>
<tr>
<td><strong>(c) Seams:</strong></td>
<td>5</td>
</tr>
<tr>
<td>Mark 2 seams:</td>
<td>10</td>
</tr>
<tr>
<td>Quality of stitching on seamline</td>
<td>1</td>
</tr>
<tr>
<td>Neatening (quality of stitch and flatness of seam)</td>
<td>2</td>
</tr>
<tr>
<td>Correct ($\frac{1}{2}$) and width ($\frac{1}{2}$)</td>
<td>1</td>
</tr>
<tr>
<td>Pressing and goodline on R.S.</td>
<td>1</td>
</tr>
<tr>
<td><strong>(d) Openings:</strong></td>
<td>5</td>
</tr>
<tr>
<td>Mark one opening</td>
<td></td>
</tr>
<tr>
<td><strong>(i) Zip</strong></td>
<td></td>
</tr>
<tr>
<td>Quality of stitching</td>
<td>1</td>
</tr>
<tr>
<td>Neatening and securing tape</td>
<td>1</td>
</tr>
<tr>
<td>Evenness of lap(s)</td>
<td>1</td>
</tr>
<tr>
<td>Position of zip at waist</td>
<td>1</td>
</tr>
<tr>
<td>Appearance on R.S. (not gaping)</td>
<td>1</td>
</tr>
<tr>
<td><strong>(ii) Continuous wrap opening</strong></td>
<td></td>
</tr>
</tbody>
</table>
Use of correct strip 1
Tapered base  \( \frac{1}{2} \)
Securing of base  \( \frac{1}{2} \)
Finished width (1 – 2.5 cm) 1
Evenness (hemming/machining) 1

(iii) Overlapping hems

Neatening of facing 1
Treatment of base 1
Evenness of facing/hems 1
Flatness of facing 1
Position of interfacing 1

(e) Fastenings: 6 marks

- Mark all and record the best

(i) Button and buttonhole

Correct type of buttonhole (vertical/horizontal)  \( \frac{1}{2} \)
Correct stitch 1
Quality if stitch 1
Method of attaching button 1
Finishing off of button on W.S.  \( \frac{1}{2} \)
Finishing off of buttonhole on W.S.  \( \frac{1}{2} \)
Size of buttonhole  \( \frac{1}{2} \)
Spacing 1

No mark uncut for uncut buttonhole.

(ii) Hook and eye/press studs

Correct stitch used 1
Quality of stitch 1
Finishing off 1
Position 1
Spacing 1
Alignment 1

(f) Waistline/neckline finishes: 8 marks

(i) Waistband
<table>
<thead>
<tr>
<th>Feature</th>
<th>Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Good line on R.S. and W.S.</td>
<td>1</td>
</tr>
<tr>
<td>Evenness of width within 2 mm limits</td>
<td>1</td>
</tr>
<tr>
<td>Flatness on R.S. and W.S.</td>
<td>2</td>
</tr>
<tr>
<td>Ends matching/overlapping</td>
<td>1</td>
</tr>
<tr>
<td>Trimming/grading</td>
<td>1</td>
</tr>
<tr>
<td>Securing of turning</td>
<td>2</td>
</tr>
</tbody>
</table>

(ii) **Double yoke/shaped waistband/shaped facing**

- Stitching                                  | 1     |
- Trimming $\frac{1}{2}$/Snipping $\frac{1}{2}$ | 1     |
- Correct width of turning 4 – 6 mm           | 1     |
- Hemming/stitching                           | 1     |
- Seam at edge/slightly rolled                | 1     |
- Seams matching                              | 1     |
- Flatness on R.S. and W.S.                  | 1     |
- Shape/curve                                | 1     |

(iii) **Binding**

- Correct width R.S/W.S.                     | 2     |
- Evenness                                   | 1     |
- Flatness on R.S. (1)/W.S. (1)              | 2     |
- Grain                                      | 1     |
- Joining/securing at ends                   | 1     |
- Stitching/hemming                          | 1     |

(iv) **Collar**

- Shape and flatness                         | 1     |
- Point/crivers matching collar 2mm          | 1     |
- Trimming 1 grade 1 snipping 1              | 3     |
- Trimming $\frac{1}{2}$ notching $\frac{1}{2}$ outer edge of collar. | 1     |
- Suitability of method of attachment        | 1     |
- Stitching/securing of collar               | 1     |

(g) **Pockets** 8 marks

Mark 1 type of pockets

(i) **Patch pocket**

- Neatening of top edge                      | 1     |
- Treatment of ends                          | 1     |
- Even width of hem/binding/facing           | 1     |
- Turnings reduced                           | 1     |
- Stitching close to the edge                | 1     |
- Reinforcement                              | 1     |
Flatness on R.S.  
Position of pocket  

(ii) **Inseam/Front hip pocket**

- Even distance from waist/side  
- Correct shape of pocket curve  
- Size of pocket opening  
- Stitching (size of tension)  
- Trimming of opening (4 – 6 mm)  
- Correct width of seam  
- Even width of seam  
- Neatening of pocket bag  
- Pocket facing slightly rolled in  
- Reinforcement of pocket at sides  

**Sleeve**

- Easing / arrangements of fullness  
- Matching of seams, allow 2mm from seamline  
- Width and evenness of seam  
- Quality of stitching  
- Neatening  
- Quality of Lower edge finish  

(h) **Item edge finishes:** 6 marks

(i) **Plain hem**

- Width of first turning  
- Evenness of hem  
- Quality of stitch on R.S.  
- Quality of stitch on W.S.  
- Seams matched (2 mm limits)  
- Close hemming on seam junctions  

(ii) **Narrow stitched hem**

- Good line of stitching on R.S. and W.S.  
- Stitching close to edge  
- Evenness of hem  
- Seams matched (2 mm limit)  
- Width of first turning/no fraying edges  

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(iii) Cuffed edge

Even width 1
Ends/seams matching (2 mm limits) 2
Trimming 1
Securing 2

(iv) Bound hem

Correct width 1
Even width 1
Grain of strip 1
Joining of strip 1
Stitching/hemming 1
Flatness 1

(i) Presentation: 2 marks

Cleanliness 1

Labelling \( \frac{1}{2} \)

Pressing \( \frac{1}{2} \)

(j) Costing: 3 marks

Labour 1
Materials 1
Mark-up 1

Total 80 marks
<table>
<thead>
<tr>
<th>Dimensions</th>
<th>Level 1</th>
<th>Level 2</th>
<th>Level 3</th>
<th>Level 4</th>
<th>Limited Achievement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skills</td>
<td>Very good</td>
<td>Good</td>
<td>Satisfactory</td>
<td>Limited</td>
<td></td>
</tr>
<tr>
<td></td>
<td>24 – 20</td>
<td>19 – 14</td>
<td>13 – 7</td>
<td>6 – 1</td>
<td></td>
</tr>
<tr>
<td>Designing the garment. Drawing the layout and writing the order of work.</td>
<td>Very suitable and proportional design which exceeds all specifications.</td>
<td>Suitable and proportional design. All specifications met. Designs labelled and showing creativity.</td>
<td>Suitable and proportional designs one specification not met.</td>
<td>Suitable but unproportional designs.</td>
<td></td>
</tr>
<tr>
<td>24 marks</td>
<td>High degree of creativity displayed very good sequencing and labelling.</td>
<td>Good sequencing.</td>
<td>Fair creativity and labelling.</td>
<td>Two or more specification not met. Limited creativity.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>50 – 40</td>
<td>39 – 28</td>
<td>27 – 14</td>
<td>13 – 1</td>
<td></td>
</tr>
<tr>
<td>50 marks</td>
<td>7 – 8 processes accurately done very neat and well presented work.</td>
<td>5 – 6 processes accurately done. Neat well presented work.</td>
<td>3 to 4 processes accurately done.</td>
<td>1 – 2 processes accurately done.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>6</td>
<td>5</td>
<td>4 – 3</td>
<td>2 – 1</td>
<td></td>
</tr>
<tr>
<td>6 marks</td>
<td>Very good modelling skills.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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