



basic education

Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

**CONSUMER STUDIES
(PRODUCTION OF PATCHWORK AND
QUILTING ITEMS BY HAND)**

**GUIDELINES FOR
PRACTICAL ASSESSMENT TASKS**

2014

These guidelines consist of 14 pages.

THE PRACTICAL ASSESSMENT TASKS FOR CONSUMER STUDIES PATCHWORK QUILTING BY HAND

1. OVERVIEW

- During the Practical Assessment Task, the learner must demonstrate his/her knowledge and practical ability/skills to produce patchwork and quilting items, focusing on suitability for selling.
- The Practical Assessment Task for Grade 12 consists of a layout and cutting session (part of practical examination 1) and two practical examinations of four hours each.
 - **Term 2: Practical examination 1 (plus layout and cutting session)**
Learners will make half of the article selected for the micro-enterprise used for the project in term 1.
 - **Term 3: Practical examination 2**
Learners will complete the article started in PAT 1.

2. MARK ALLOCATION

- Each examination consists of 100 marks. The mark for the final Practical Assessment Task is obtained by combining the marks for the 2 examinations as indicated below:

Practical examination: term 2 (including layout and cutting)	100
Practical examination: term 3	100
Total	200 ÷ 2
Final mark for PAT	100

- The marks for the PAT are part of the end-of-the-year assessment.
- The province will provide two separate computerised mark sheets, one for SBA and one for the PAT. Both mark sheets must be signed by the teacher, principal and moderator.

3. REQUIREMENTS FOR THE PRACTICAL EXAMINATIONS

Consumer Studies is a choice subject with five practical options. If the school chooses to offer Consumer Studies as a subject and selects Patchwork and Quilting as practical option, the equipment and funds necessary to conduct the PAT, as well as the specified number of practical lessons are the responsibility of the school as specified in the CAPS document.

The following must be provided:

- A suitable classroom with the necessary equipment: tables for cutting out, two or more ironing boards and irons, cutting out scissors (one for each learner), equipment for measuring and marking.
- A minimum of R30 to a maximum of R50 per learner for EACH of the two practical examinations is required, besides the funding required for the SBA practical lessons, to make the required articles.
- Divide learners into groups of a maximum of 12. Twenty-four learners (two groups of 12) can then do the examination on the same day e.g. from 8:00 – 12:00 and from 13:00 – 17:00.
- The teacher will need time between the two sessions to prepare the classroom for the second group.
- Schools with large numbers of learners will need more than one day to complete the examination.

4. REQUIRED TIME FRAME

- Layout and cutting is done beforehand in a one-hour period under examination conditions.
- A total of **4 hours** is required per examination (excluding the one-hour layout and cutting session during examination 1).

5. SETTING THE EXAMINATIONS

5.1 Examination 1 (term 2)

- This practical examination **must be slotted into the examination timetable in the second term.**
- The Teacher must identify and select one article for the micro-enterprise (project term 1). The saleability of the article forms an important aspect of the examination.

5.2 Examination 2 (term 3)

- This examination will take place on a date agreed upon with the moderator.
 - No layout and cutting session is required for this examination.
 - Learners must complete the article started in the first examination as set out in the instructions.
 - They will be assessed on the production process, workmanship and the saleability of the articles.
 - Learners should not leave with incomplete articles, but no remarking must be done.
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- The teacher must identify and select one suitable article for the micro-enterprise (project term 1). The learners will make this article during PAT 1 and 2.
 - Teachers have TWO options when selecting the pattern for the PAT examinations:
 - Buy a commercial pattern for an article that can be completed in 9 hours with the skills learners gained during the practical lessons for SBA in grade 10 and 11; OR
 - Use the same commercial pattern used in practical lessons and remake the same article once more in 9 hours.
 - Pattern pieces should be small enough to photocopy on A3 paper.
 - The article selected should carry a total weighting of 100 points on the skill code list.
 - The techniques to be completed per examination should have a total weighting of 50 points for each PAT task.
 - Learners should start and complete half the article in PAT 1.
 - Learners must complete the 1 hour layout and cutting session the day before PAT 1 under examination conditions.
 - Assessment will focus on the production process and workmanship displayed.
 - At the end of the three hours, learners should hand in their articles for final assessment. After the assessment has been completed the articles are returned to learners for correction and finishing off if necessary. The articles will NOT be remarked after the corrections have been done.

The teacher must submit the following to the subject advisor for approval during the last week of the first term or earlier:

- A photocopy of the pattern envelope
- An illustration of the article
- The list of fabrics, haberdashery, etc. to be purchased
- The estimated cost per learner
- The completed checklist, checked and signed by the principal
- A copy of the instruction sheet(s) that will be given to learners for each examination
- The mark sheet for the practical examination/s
- Planning for all three sessions (layout and cutting, PAT 1 and PAT 2) indicating the weighting of techniques
- **The examination cannot take place prior to approval of the above-mentioned pattern by the subject advisor.**

6. PREPARING FOR THE EXAMINATION

The teacher is responsible for the following:

- Set the dates for both examinations. Communicate these dates to the school management team of the school to ensure that these dates do not clash with other school activities.
- Copy the pattern, illustration/s and instruction sheet for each learner. It is compulsory for each learner to work from an instruction sheet.
- Prepare an instruction page for learners with the assessment criteria and mark allocation for the PAT session.
- Prepare mark sheets provided with learners' names and their examination numbers.
- Learners are to receive the pattern and instructions 7 school days prior to the layout and cutting session, for preparation.
- Purchase the fabric and haberdashery, cut the fabric to the required size for each learner.
- Make up a 'kit' for each learner to include the following:
 - Fabric in the required size
 - The pattern and instruction sheet
 - The necessary haberdashery, such as a zip, buttons, pins
- Divide learners into groups according to the number of sewing machines that are available.
- Prepare the classroom and ensure the availability of the following:
 - Electrical plugs and extension cords for all irons
 - Irons and ironing boards
 - Large tables for the layout and cutting out of articles
 - Enough small equipment such as scissors, needles, quick-unpicks, pins, thread, bobbins, extra sewing machine needles.

7. PERFORMING THE EXAMINATION

7.1 PAT 1 in Term 2: 4 hours

7.1.1 LAYOUT AND CUTTING-OUT SESSION: 1 hour (the day before PAT 1)

- Hand out each learner's 'kit', including the fabric, pattern, instruction sheet and haberdashery, such as the zip.
- The teacher is NOT allowed to give any assistance to the learner during the cutting session. During the cutting session the teacher allocates marks. Learners may improve/correct the cut-out pattern pieces or cut out new pieces after the cutting session is over and marks have been allocated, but this will NOT be remarked. The teacher then keeps all the learners' pattern pieces in a safe place until the day of PAT 1.

7.1.2 PAT 1 in Term 2: 4 hours

- No layout and cutting session is required for this examination.
- Hand the learners their 'kits' with the cut-out articles, and extra scraps of material for sewing practice when they enter the classroom.
- Enough scissors, pins and needles should be available.
- Individual learners, under the supervision of the teacher, carry out this PAT 1.
- The teacher must mark PAT 1 and capture the marks. Then the learners can correct mistakes, make improvements and complete the article to the stage where PAT 2 starts. The article will NOT be remarked after the corrections have been done. After the corrections have been done, the articles go back into the 'kit', to be kept in a safe space until the day of PAT 2.

7.2 PAT 2 in Term 3: 4 hours

- This examination takes place on the day arranged with the moderator.
- When learners enter the classroom, they receive their 'kits' once again to complete the articles.
- Preparation of the classroom and all rules are the same as applied for PAT 1.

8. EVALUATION

- The teacher and moderator have 60 minutes to evaluate the final products, inspect the learners' work stations and complete the mark sheets.
- The learners need to tidy up their work stations after completion so that the teacher can inspect the work stations for the final allocation of marks.

9. MODERATION OF THE PRACTICAL EXAMINATION

9.1 BEFORE PAT 1 & 2

The subject advisor must receive the following before the end of term 1 in order to moderate the following to ensure the examination is of an appropriate standard:

- A photocopy of the pattern envelope
- An illustration of the article
- The list of fabrics, haberdashery, etc. to be purchased
- The estimated cost per learner
- The completed checklist, checked and signed by the principal
- The instruction page for the learners with the assessment criteria and mark allocation for the PAT session.
- The mark sheet for the practical examinations
- Planning for all three sessions (layout and cutting, PAT 1 and PAT 2) indicating the total weighting of techniques.

9.2 ON THE DAY OF PAT 2

- During Term 3, the last group of a maximum of 12 learners will be externally moderated by the subject advisor while performing the practical examination at the school.
- The teacher must have the following available for the moderator on the day of moderation:
 - All the articles that learners made during practical classes for SBA (if not moderated during SBA moderation)
 - A copy of the completed recording sheet for practical lessons
 - The completed articles (marked) of all the learners who have already completed the examination
 - The marks of all learners who have completed the examination already
 - A separate set of assessment tools for the moderator to use, with the names and examination numbers of the learners already written on the mark sheet.
- The moderator will randomly select 6 candidates and independently assess the learners while they perform the examination as well as the articles produced by the selected learners.
- Afterwards the moderator will compare his/her assessment with the assessment of the teacher. If the moderator finds that the marks of the teacher differ more than 10% from his/her marks, a block adjustment upwards or downwards should be made based on the difference.

- The table below demonstrates how to determine the difference between the moderator's marks and teacher's marks to determine if adjustment is needed and the margin of adjustment required:

Learner Names				PAT 2	
				100	
				*T	*M
Learner A				84	69
Learner B				83	70
Learner C				68	53
Learner D				59	44
Learner E				49	40
Learner F				45	40
TOTAL				388	316
AVERAGE MARK = TOTAL ÷ 6 (Number of learners)				66	53
DIFFERENCE = 66 (*T) – 53 (*M)				13	
ADJUSTMENT	DOWNWARDS	✓	UPWARDS	- 3	

***T = Teacher; *M = Moderator**

- A block adjustment can also be made, based on the professional judgement of the moderator if the practical examination of the school is not of the expected standard.
- The moderator will discuss the outcome and any adjustments with the teacher. The final moderated marks should then be entered on the computerised mark sheet.
- The marks of all learners will be affected if an adjustment is made.
- The marks of all the learners need to be finalised and signed by the subject advisor and principal on the day of this examination. The computerised mark sheet must be completed on the day of moderation.

**SKILL-CODE WEIGHTING FOR TECHNIQUES USED IN THE PRODUCTION OF
PATCHWORK AND QUILTING ITEMS BY HAND – GRADE 12**

- Use the following skill-code weighting to choose patterns for the PAT as well as for the weekly practical lessons.
- The skill code indicates the weighting for the techniques and not the mark allocation.
- The weighting for a specific technique should only be allocated ONCE.
- The teacher could add a technique not listed below, after discussing it with the subject advisor. The teacher and subject advisor should then decide on the weighting for the new technique.

Choice of fabric (teacher should have box of fabric from which learners can choose) <ul style="list-style-type: none"> • Matching fabric types (100 % cotton) • Fabric choice for easy wash and care • Successful of choice of colours 	10 3 3 4	Quilting <ul style="list-style-type: none"> • Sandwiching/tacking top layer, batting and lining • Baste the three layers • Transfer of quilting design • Even and neat quilting stitches • Stitching straight / smooth curve / square corner • Choice of quilting thread 	20 2 4 4 4 4 2
Patchwork design <ul style="list-style-type: none"> • Templates placed correctly and economically on the fabric • Patchwork pattern designed on paper • Design matches the choice of fabric and article • Level of difficulty (<i>number and shape of patches; Refer to CAPS for techniques per grade</i>) 	10 2 2 3 3	Seams and seam finishing (<i>assemble article: e.g. bag</i>) <ul style="list-style-type: none"> • Straight seams with finish • Stitching straight/smooth curves/square corners • Seam allowance correct and even width • Seam finishing 	10 3 2 3 2
Design, layout and cutting of pattern pieces (<i>Patchwork pieces, Lining and Batting included</i>) Patchwork: <ul style="list-style-type: none"> • Measure and cutting fabric patches accurately • Size of fabric pieces suitable for size of article • Correct number of patchwork pieces Other pattern pieces: <ul style="list-style-type: none"> • Pattern pieces placed economically on fabric • Lining and batting pattern pieces measured and marked on fabric accurately • Straight cutting 	20 4 3 5 2 4 2	Edge finish/crossway binding <ul style="list-style-type: none"> • Cut and join crossway strips for crossway binding / Cut straight binding accurately to measurements/pattern • Attach binding for edge finishing <ul style="list-style-type: none"> ○ Correct and even width ○ Lies flat and even • Neatly stitched 	15 5 3 2 2 3
Seams / joining of patchwork pieces <ul style="list-style-type: none"> • Patches joined according to design • Small even stitches by hand • Straight seams / smooth curves / square corners • Seam allowance = 0.5 cm • Alignment of patches / Final appearance • Correct ironing of seams 	20 3 4 3 3 4 3	Stitched on pocket <ul style="list-style-type: none"> • Pocket shape, size, hem • Place on article (correct position) • Stitching to attach pocket to article 	10 4 3 3
Embroidery: 3-5 decorative stitches by hand <ul style="list-style-type: none"> • Good design, suited for item • Good choice of colours • Techniques for embroidery stitches 	10 2 3 5	Bands (handles for bags) <ul style="list-style-type: none"> • Even width, suitable for bag • Reinforced inside with suitable fabric • Attached to bag and reinforced on bag 	10 2 3 5
Decorating other than embroidery <ul style="list-style-type: none"> • Use of other embellishments e.g. lace, beads, buttons etc 	5	Attaching fasteners <ul style="list-style-type: none"> • Such as Velcro / button & loop / press stud etc. 	5
Cutting of lining and batting <ul style="list-style-type: none"> • Suitable fabric choice • Correct size/shape 	8 4 4	Ironing: <ul style="list-style-type: none"> • Continuous, correct ironing during construction • Final press 	5 3 2
Attaching the lining <ul style="list-style-type: none"> • Seam allowance 0.5cm • Straight seams • Neatly attached to the bag • Correct size 	15 3 4 4 4		

TEACHER PLANNING: GRADE 12 PRACTICAL ASSESSMENT TASKS 1 & 2

(To be submitted to the Subject Advisor for moderation at the end of term 1 or earlier)

Name of school:

Name of teacher:

Date and time of examination sessions:

**TESTS FOR PAT GRADE 12
(Attach copies of patterns and instruction sheets)**

LAYOUT AND CUTTING

TECHNIQUES	WEIGHTING
TOTAL	

PAT 1

TECHNIQUES	WEIGHTING
TOTAL	

PAT 2

TECHNIQUES	WEIGHTING
TOTAL	

EXAMPLE OF TEACHER PLANNING FOR PURCHASES

(To be submitted to Subject Advisor for moderation at the end of term 1 or earlier)

Total number of learners	GROUPS	Number of learners per group	Dates	Time
25	1	8	10/09/2014	08:00 – 12:00
	2	8	10/09/2014	13:00 – 17:00
	3	9	11/09/2014	08:00 – 12:00

PAT	Requirements per learner:	Quantity required per learner	Number of learners	Total
1	Poly cotton	1 m	25	25 metres
	Sewing thread	1 reel		25 reels
	Pattern	1		25 patterns
	Vilene	0,5 m		12.5 metres
	Thread for basting	1		25 reels

TEACHER'S SHOPPING LIST

Requirements	Amount	Approximate Cost
Poly cotton	25 metres	
Sewing thread	25 reels	
Pattern	25 patterns	
Vilene	12,5 metres	
Thread for basting	25 reels	

Approximate cost of shopping list:

ESTIMATED COST PER LEARNER:

TEACHER PLANNING FOR PURCHASES

(To be submitted to Subject Advisor for moderation at the end of term 1 or earlier)

Total number of learners	GROUPS	Number of learners per group	Dates	Time

PAT	Requirements per learner:	Quantity required per learner	Number of learners	Total

TEACHER'S SHOPPING LIST

Requirements	Amount	Approximate Cost

Approximate cost of shopping list:

ESTIMATED COST PER LEARNER:

**CONSUMER STUDIES – PATCHWORK AND QUILTING
PRACTICAL ASSESSMENT TASK
CHECKLIST FOR PLANNING TO BE HANDED IN FOR MODERATION**

SCHOOL		
TEACHER		
PRINCIPAL		
DATE SUBMITTED		
Dates of all PAT sessions	Proposed moderation date	Approved moderation date

CRITERIA	YES/NO	COMMENTS BY MODERATOR
Articles included for PAT 1		
An illustration of the article/ photo copy of the pattern envelope		
Copy of the pattern instruction sheet to be provided to learners		
Completed techniques and total weighting of article for PAT 1		
List of purchases		
Estimated cost per learner		

CRITERIA	YES/NO	COMMENTS BY MODERATOR
Articles included for PAT 2		
Copy of the pattern instruction sheet to be provided to learners		
Completed techniques and total weighting for article for PAT 2		

APPROVED/NOT APPROVED [RESUBMISSION DATE: _____]

Signatures:

TEACHER: _____

DATE: _____

PRINCIPAL: _____

DATE: _____

MODERATOR: _____

DATE: _____

MARK SHEET FOR PATCHWORK AND QUILTING PRACTICAL ASSESSMENT TASK

PAT 1												
SCHOOL		NAMES OF LEARNERS										
		1	2	3	4	5	6	7	8	9	10	11
DATE												
EXAMINER												
1	PRACTICAL SKILLS AND TECHNIQUES											
	Pattern interpretation	15										
	Follow pattern instructions, layout, cutting	7										
	Accurate sewing techniques	8										
	Use of equipment	5										
	Correct handling of small equipment, e.g. tape measure, scissors, needles, etc.	2										
	Correct handling of large equipment, e.g. sewing machine, over-locker, iron, etc. (<i>Machines correctly threaded and used, safe and correct use of equipment.</i>)	3										
Efficient use of time	5											
Efficient use of time while waiting to use equipment.												
2	NEATNESS AND ECONOMIC USE OF RESOURCES											
	Organisation work station and equipment	5										
	Workstation well organised,	2										
	Small equipment not lying around,	1										
	Handling of equipment after use, correct handling of off-cuts and waste. (<i>Teacher observes each learner regularly during the examination, to determine the final mark</i>)	2										
	Personal appearance	5										
	Appropriately dressed (school uniform, clean hands)											
	Neatness of work station after completion	5										
Equipment unplugged, cleaned and stored securely.	2											
Electrical plugs switched off.	2											
Work area neat and clean.	1											
3	Suitability for selling											
	General appearance	20										
	Neatness of article and finishing	10										
	Prescribed techniques completed	10										
	Workmanship	40										
	Stitching	10										
Construction	20											
Finishing	10											
Total	100											

MARK SHEET FOR PATCHWORK AND QUILTING PRACTICAL ASSESSMENT TASK

PAT 2												
SCHOOL		NAMES OF LEARNERS										
		1	2	3	4	5	6	7	8	9	10	11
DATE												
EXAMINER												
1	PRACTICAL SKILLS AND TECHNIQUES											
	Pattern interpretation	15										
	Follow pattern instructions, layout, cutting	7										
	Accurate sewing techniques	8										
	Use of equipment	5										
	Correct handling of small equipment, e.g. tape measure, scissors, needles, etc.	2										
	Correct handling of large equipment, e.g. sewing machine, over-locker, iron, etc. (<i>Machines correctly threaded and used, safe and correct use of equipment.</i>)	3										
Efficient use of time	5											
Efficient use of time while waiting to use equipment.												
2	NEATNESS AND ECONOMIC USE OF RESOURCES											
	Organisation work station and equipment	5										
	Workstation well organised,	2										
	Small equipment not lying around,	1										
	Handling of equipment after use, correct handling of off-cuts and waste. (<i>Teacher observes each learner regularly during the examination, to determine the final mark</i>)	2										
	Personal appearance	5										
	Appropriately dressed (school uniform, clean hands)											
	Neatness of work station after completion	5										
Equipment unplugged, cleaned and stored securely.	2											
Electrical plugs switched off.	2											
Work area neat and clean.	1											
3	Suitability for selling											
	General appearance	20										
	Neatness of article and finishing	10										
	Prescribed techniques completed	10										
	Workmanship	40										
	Stitching	10										
Construction	20											
Finishing	10											
Total	100											