

CURRICULUM AND ASSESSMENT POLICY STATEMENT GRADE R-5 FOR LEARNERS WITH SEVERE INTELLECTUAL DISABILITY

BRICKLAYING AND PLASTERING

GRADE 4-5

Curriculum and Assessment Policy Statement Grade R-5 for learners with Severe Intellectual Disability 2018 Orientation

Learning programme

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1 SECTION 1

INTRODUCTION

2 SECTION 2:

INTRODUCTION TO BRICKLAYING AND PLASTERING.

2.1 What is Bricklaying and Plastering?

Bricklaying and Plastering is made up of three parts;

Bricklaying- consists mostly of placing bricks and blocks on top of one another whilst following the three rules of: plumb, level and straight.

Plastering- comprises the artistic and functioning covering and finishes of the interior and exterior walls of the buildings according to specifications and

Brick making- is the process of making bricks using small aggregate cement which is formed in the steel moulds and the finish.

The learner will be able to assist a qualified artisan, semi skilled artisan or be able to follow a supervisor's instructions.

Bricklaying and Plastering skills and the content embedded in the skills are taught over two years in Grade 4 and 3 years in Grade 5. The teacher is allowed to adapt the difficulty level of the skills to the ability of the learner. During grade 5 in the second and third years the learners are placed in the learner work experience programme (LWEP) to acclimatise them to the world of work and prepare them for future jobs.

2.2 Specific Aims:

In Bricklaying and Plastering learners will study:

- Health, safety and first aid procedures as well as good housekeeping principles
- The sectors in the Building and plastering industry and career possibilities in each sector

- Client services and customer care in the industry
- Managing resources and job planning
- Drawings
- How to identify, use and maintain tools, equipment and building material
- Building methods and decorative brickwork
- Basic skills in each aspect of the Building and Plastering sector
- Repairing and maintaining masonry structures
- Brick making
- Introduction to the world of work

2.3 Topics to be studied in Bricklaying and Plastering include

The table below indicates the main topics in the Bricklaying and Plastering programme.

1	Health, safety and good housekeeping practises				
2	ketches				
3	ools and equipment				
4	cess equipment				
5	Building and bricklaying				
6	Plastering				
7	Brick and block making				
8	Finishing				
9	Masonry structures				
10	World of work				

2.4 Requirements for Building and Plastering as a subject

2.4.1 Time Allocation

The compulsory instructional time for the Vocational Learning Programme for learners experiencing severe intellectual disabilities amounts to 8 hours per 5-day cycle. Schools may offer either three (3) or four (4) vocational subjects, depending on the number of learners in the school and the resources available. The compulsory instructional time for **Bricklaying** and **Plastering** is either:

- 2 hours per 5-day cycle plus three (3) other vocational subjects or
- 2, 5 hours per 5-day cycle plus two (2) other vocational subjects.

Twenty percent (20%) of the above mentioned time is utilized to teach subject content which should be embedded in teaching the learners to execute the skills. This implies that

theoretical lessons should not be instructed in isolation, but during the teacher's demonstration that takes place before the learners practise the skills. The learners are required to utilize eighty percent (80%) of the time to practise the various skills in the classroom.

2.4.2 Resources

2.4.2.1 Human resources

An appropriately qualified teacher registered with SACE in line with National Education Policy Act 27 of 1998 section 7.4.

2.4.2.2 Uniforms

Learners should use a two piece overall and safety shoes.

2.4.2.3 Books, magazines and teaching media

- Each learner should have a learner workbook for the current module being studied
- The teacher should have books on Building and Plastering
- You tube videos on Building and Plastering
- Models of Building and Plastering components

2.4.2.4 Infrastructure and equipment

The subject may not be offered without the necessary infrastructure, tools and equipment.

2.4.3 Infrastructure

A double or one and a half size classroom or a fully fledged workshop. Most work can be done outside the classroom/ workshop or even on the school buildings.

The workshop should contain the following furniture and equipment

•	1 x teachers table and chair	•	2x lockable cupboards
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1x workbenches x2 bench vices	1 x wash basin					
1 x chalk line	4 x brick hammer					
4 x rubber mallet	4 x ball pein hammers					
4 x claw hammers	4 x Club hammer					
4 x steel floating trowel	4 x finger trowel					
4 x pointing trowel	4 x brick trowel					
4 x edging trowel	4 x wooden float					
4 x builders hawk	4 x tape measure					
4 x builders square	4 x wooden builders square					
4 x builders line	4 x spirit levels					
4 x gauge lath	4 x bolster chisel					
4 x Brick bolster chisel	4 x cold chisels					
4 x pliers	1 x bench grinder					
2 x Pickaxe	4 x spade					
2 x ladders	1 x handsaw					
1 x hand drill	1 x drill press					
1 x angle grinder	1 x circular saw					
1 x jig saw	1 x hosepipe					
1 x block/brick making machine	4 x tile cutter					

Consumables are not included in list

The learners work in groups of 4.

2.4.4 Finances

The subject may not be offered without the necessary finances provided by the school.

- An annual budget should be available to purchase consumables for weekly practical tasks.
- Maintenance and purchasing of new tools/equipment should be added to the budget

2.4.5 Stock control

- The teacher is responsible for the stock and will keep the workshop and tools and equipment locked at all times when not present.
- Annual stock control is essential, a stock control book must be kept in the workshop and a summary stock sheet must be kept in the office.

2.5 Career opportunities

Learners are equipped to be

- Employed as assistants to an artisan or semi skilled artisan.
- An entrepreneur, under supervision.
- Employed under the 7 % disability job clause.
- Sub contractors under supervision
- Employed in schools as handymen

3 SECTION 3: OVERVIEW OF TOPICS PER TERM AND ANNUAL TEACHING PLANS

Each week has a has a compulsory contact time of 2 to 2,5 hours (depending on the number of vocational subjects offered at school) for the subject Building and Plastering.

3.1 Content overview of theoretical topics

The content is embedded in the skills and the learners should execute the skills in a stimulated working environment re created in the skills workshop. The table below indicates the topics and content in the Building and Plastering learning programme in Grade 4 and 5 with differentiation.

	Topic	Grade 4	Grade 5
		The learner must be able to:	The learner must be able to:
1	Health, safety		
'		State the rules of the workshop	Identify and remove potential
	and good	Identify and remove potential	hazards in the work area.
	housekeeping	hazards in the work area.	State unsafe conditions and
	practices	Identify, use and care of protective	acts.
		clothing and equipment.	Practice good housekeeping.
		Demonstrate the ability to take	Locate fire extinguishers and fire
		appropriate steps in an emergency.	hoses.
		Set up protection and safety	• Identify and use fire
		equipment for the working area.	extinguishers.
		Use, store and maintain tools and	Identify and follow procedures
		equipment safely.	for emergencies promptly and
		Comply with Health, Safety and	correctly.
		Welfare in the workplace.	Report injuries involving
		Understand unsafe conditions and	individuals to the relevant
		acts	persons promptly.
		Observe correct and safe use of	Follow procedures that apply to
		cleaning equipment and materials.	illness or injuries in the work
		Report faulty equipment	area.
		Practice cleanliness of	Access a first aid box
		workstations.	Administer basic first aid
		Practice relevant safety routines	Intervene in a first aid scenario.
		Practice safe handling and use of	Treat bleeding wounds.

		tools and equipment. • Treat an injured person for
		Practice cleanliness and tidiness of shock.
		workshop. • Observe organisational
		housekeeping policies and
		procedures.
		Comply with housekeeping
		procedures and policies
		Identify and report shortcomings
		in housekeeping practices
		Comply with relevant safety
		routines
2	Sketches	Identify and interpret components
		as per job requirements.
		Produce basic freehand sketches.
		Identify and interpret components
		as per job requirements.
		Produce freehand sketches that
		comply with job requirements.
		Explain freehand sketches and
		materials.
		Extract information from the
		drawing in terms of the setting out
		requirements on site
		Convert scales and measurements
		in terms of actual dimensions
		required
3	Tools and	Describe the role of the builder Identify, use and care for hand
	equipment	Identify, select and use basic hand tools
		tools. • Identify, use and care for power
		Identify, select and use specialised tools.
		tools. • Identify, use and care for
		Identify, select and use measuring specialised tools.
		tools. • Identify, use and care for
		Identify, select and use power tools measuring tools.
		Maintain and repair tools and
		equipment.
4	Access	Erect and dismantle an extension
	equipment	ladder. scaffolding is erected.
		Make use of a step ladder. Place adjustable jacks in
	l	

				position.
			•	Level horizontal components.
			•	Position scaffold boards properly
				on supports.
			•	Tighten all couplings.
			•	Dismantle and stack
				components in the correct order.
			•	Erect and dismantle a trestle
				scaffold.
5	Building and	Understand the basic principles of	•	Describe the procedures and
	bricklaying	site preparation		precautions involved in mixing of
		Draw up an accurate estimate of		concrete and mortar on site
		the quantities for materials needed	•	Cast a concrete slab
		Prepare an order list based on	• \	Lay a concrete floor and top
		specifications		screed
		Identify suppliers of materials	•	Understand the principles of
		Know basic building material		constructing load bearing walls
		Know dangers and safety	•	Build 110 and 220 brick walls
		precautions when handling		between columns
		materials	•	Build a cavity wall with windows
		Know storage and care for		and door frames
		materials	•	Build in sills and embed tiles in
		Understand setting out principles		mortar
		• Know the different methods of	•	Lay blocks
		squaring	•	Build a right angle return half
		• Transfer foundation lines		brick wall between vertical
		accurately to ground		columns/ profiles
		Excavate trenches in accordance	•	Build a half brick corner in a
		with specified dimensions and		stretcher bond
		building regulations	•	Build a one brick corner in
		Install pegs level and at the correct		stretcher bond
		height including different step	•	Build 330 columns or piers
		levels	•	Build 220 columns
		Mix concrete	•	Build an arch
		Cast/ pour concrete	•	Install horizontal reinforcement
		Know how to read profiles and use		in accordance with movement
		gauge rods		and strength requirements
		Transfer levels	•	Prepare the work area where the
		Set up vertical columns/profile to		formwork is to fabricated

		plumb with line and level well supported Mix mortar for bricklaying Set out and erect simple straight walls Build a foundation wall up to damp proof course. Install re- enforcing according to specifications Install DPC membrane according to specified requirements	Fabricate formwork Conduct post-fabrication activities Prepare the work area where the formwork is to erected Erect formwork Pour concrete in the formwork Strip formwork Build decorative elements(flat or semi-circular arch) Finish decorative element Join and point decorative element Lay tiles and pavers
6	Plastering		Clean concrete slab Check and level slab Apply damp proof course on concrete slab where required Top and screed floor surfaces Mix plaster Prepare work area for plastering remove dust and dirt and dampen surfaces where necessary In-situ plaster mouldings are run in accordance with requirements Prefabricated mouldings are prepared and fixed according to specifications Plaster skirting's are formed according to specifications Plaster walls Use correct tools for horizontal, vertical joints
7	Brick and block making	 Identify, use and maintain a concrete brick and block making machine Mix aggregate for concrete bricks or blocks 	

		Add pigment if necessary to aggregate	
		Feed mechanical press with the	
		required amount of concrete for a	
		concrete brick or block	
		Compress aggregate and move	
		machine to next spot	
		Ensure that concrete brick or block	
		is cured	
		Check concrete bricks or blocks for	
		defects	
8	Finishing		• Fit windows
			Fit doors and door locks
			Fit wall plates for roof trusses
			Set out, position and secure roof
			trusses
			• Fit DPC to roof
			Fit roof tile battens
			• Fit roof tiles
			Paint undercoat
			Install a range of finishing
			components
9	Masonry	Repair a concrete floor	Repair faulty flashings
	structures	Re-point brickwork	Repair cracked walls
		Replace a damaged brick	
		Patch rendering	
		Level uneven paving	
		Deal with rising damp	
		Clean masonry	
10	World of work	Practice good work habits-	Work with competence
		personal presentation	Improve work tolerance
		Practice good work habits- social	Practice appropriate social skills
		presentation	training
			Be orientated to the open labour
			market
			Perform personal management/ Perform personal management/
			activities for daily living.
			Participate in the learner work

		experien	ce pro	ogramme	(LWI	EP).
	•	Identify	the	criteria	for	the
		learner	W	ork e	xperie	ence
		programi	me.			

The content is embedded n the skills and the learners should execute the skills in a simulated working area recreated in a Building and Plastering workshop.

Each week has a compulsory contact time of 2 to 2, 5 hours (depending on the number of vocational subjects offered at school) for the subject Maintenance.

3.2 Content overview of theoretical topics

The content is embedded in the skills and the learners should execute the skills in a simulated working environment recreated in the classroom/centre. The table below indicates the topics and content in the **Building and Plastering** learning programme in grade 4 and 5.

3.2.1 Grade 4: 1st year and 2nd year. Term 1.

	Grade 4 Term 1								
Week	Topic	Content The learner must be able to:	Teaching tips, techniques, activities and resources.						
1	Health, safety	Grade 4 1st year	Grade 4 1st year						
	and good	Describe the role of the builder	The teacher:						
	housekeeping	State the rules of the workshop	Discusses the role of the builder in society						
	practices	Identify and remove potential hazards in the	Discusses different job opportunities available to the builder						
		work area	Discusses the rules of the workshop						
		Practice good housekeeping	Discusses and demonstrates how to identify and remove potential hazards in the						
		• Identify, use and care for protective clothing	work area						
		and equipment	Discusses and demonstrates how to practice good housekeeping						
			Discusses and demonstrates how to identify, use and care for protective clothing						
			and equipment						
			The learner completes the following activities:						

		Gr	ade 4 Term 1
Week	Topic	Content	Teaching tips, techniques, activities and resources.
		The learner must be able to:	States the role of the builder in industry and the different job opportunities
			available to the builder
			States the rules of the workshop
			Identifies and removes potential hazards in the work area
			Practices good housekeeping
			Identifies, uses and cares for protective clothing and equipment
			identifies, uses and cares for protective clothing and equipment
		Grade 4 2 nd year	Grade 4 2 nd year
		Understand unsafe conditions and acts	The teacher:
		Observe correct and safe use of cleaning	Discusses and demonstrates unsafe conditions and acts
		equipment and materials	Discusses and demonstrates correct and safe use of cleaning equipment and
		Practice good housekeeping	material
			Discusses and demonstrates how to practice good housekeeping
			processes and demonstrates from to processes good medical company
			The learner completes the following activities:
			States and understands unsafe conditions and acts
			Uses cleaning equipment and material correctly and safely
			Practices good housekeeping
2	Sketches	Grade 4 1st year	Grade 4 1st year
		Identify and interpret components as job	The teacher:
		requirements	Discusses and demonstrates how to identify and interpret components of a
			drawing as per job requirements
	l	<u>'</u>	

		Gr	rade 4 Term 1
Week	Topic	Content The learner must be able to:	Teaching tips, techniques, activities and resources.
		The learner must be able to.	The learner completes the following activities:
			Identifies and interprets components of a drawing as per job requirements
	Building and	Grade 4 2 nd year	Grade 4 2 nd year
	bricklaying	Cast/ pour concrete	The teacher:
			Discusses and demonstrates how to pour and level out concrete
			The learner completes the following activities:
			Pours and levels out concrete
3	Sketches	Grade 4 1st year	Grade 4 1st year
		Produce freehand sketches that comply	The teacher:
		with job requirements	Discusses and demonstrates how to produce freehand sketches that comply with the job
			The learner completes the following activities: Produces free hand sketches that comply with the job
	Building and	Grade 4 2 nd year	Grade 4 2 nd year
	bricklaying	Cast/ pour concrete	The teacher:
			Discusses and demonstrates how to pour and level out concrete
			The learner completes the following activities:
			Pours and levels out concrete

		Gr	ade 4 Term 1
Week	Topic	Content The learner must be able to:	Teaching tips, techniques, activities and resources.
4	Sketches	Grade 4 1 st year	Grade 4 1st year
		Explain freehand sketches and materials	The teacher:
			Discusses and demonstrates freehand sketches and materials
			The learner completes the following activities:
			States the purpose of freehand sketches and materials
			Produces freehand sketches
	Building and	Grade 4 2 nd year	Grade 4 2 nd year
	bricklaying	Know how to read profiles and use profile	The teacher:
		rods	Discusses and demonstrates how to read profiles and use profile rods
			The learner completes the following activities:
			Reads profile and uses profile rods
5	Sketches	Grade 4 1st year	Grade 4 1st year
		Information is extracted from the drawing in	The teacher:
		terms of setting out requirements on site	Discusses and demonstrates how to extract information from a drawing in terms
			of setting out requirements on site
			The learner completes the following activities:
			Extracts information from a drawing in terms of setting out requirements on site
	Building and	Grade 4 2 nd year	Grade 4 2 nd year

		Gr	rade 4 Term 1
Week	Topic	Content	Teaching tips, techniques, activities and resources.
	bricklaying	The learner must be able to: Transfer levels	The teacher:
	and a grand	Transfer levels	Discusses and demonstrates how to transfer levels
			Discusses and demonstrates flow to transfer levels
			The learner completes the following activities:
			Transfers levels
6	Sketches	Grade 4 1 st year	Grade 4 1 st year
		Scales and measurements are converted in	The teacher:
		terms of actual dimensions required	Discusses and demonstrates how to convert scales and measurements in terms
			of actual dimensions required
			The learner completes the following activities:
			Converts scales and measurements in terms of actual dimensions required
	Building and	Grade 4 2 nd year	Grade 4 2 nd year
	bricklaying	Set up vertical columns/ profile to plumb	The teacher:
		with line and level well supported	Discusses and demonstrates how to set up vertical columns/profile to plumb with
			line and level well supported
			The learner completes the following activities:
			Sets up vertical columns/profile to plumb with line and level well supported
7	Tools and	Grade 4 1st year	Grade 4 1st year
	equipment	Identify, select and use basic hand tools:	The teacher:
		trowels, the hawk and floats	Discusses and demonstrates how to identify, select and use basic hand tools:

	Grade 4 Term 1		
Week	Topic	Content The learner must be able to:	Teaching tips, techniques, activities and resources.
		The learner must be able to:	trowels, the hawk and floats
			The learner completes the following activities:
			Identifies, selects and uses basic hand tools; trowels, the hawk and floats
	Building and	Grade 4 2 nd year	Grade 4 2 nd year
	bricklaying	Mix mortar for bricklaying	The teacher:
			Discusses the different aggregates and proportions used for mixing mortar
			Discusses and demonstrates how to mix mortar for bricklaying
			The learner completes the following activities:
			States the different aggregates and proportions used to mix mortar
			Mixes mortar for bricklaying
8	Tools and	Grade 4 1st year	Grade 4 1st year
	equipment	Identify, select and use basic hand tools:	The teacher:
		hammers and mallets	Discusses and demonstrates how to identify, select and use basic hand tools:
			hammers and mallets
			The learner completes the following activities:
			Identifies, selects and uses basic hand tools: hammers and mallets
	Building and	Grade 4 2 nd year	Grade 4 2 nd year
	bricklaying	Set out and erect simple straight walls	The teacher:

		Gr	ade 4 Term 1
Week	Topic	Content	Teaching tips, techniques, activities and resources.
		The learner must be able to:	Discusses and demonstrates have to get cut and great simple atraight walls
			Discusses and demonstrates how to set out and erect simple straight walls
			The learner completes the following activities:
			Observes and assists in setting out and erecting simple straight walls
9	Tools and	Grade 4 1st year	Grade 4 1st year
	equipment	• Identify, select and use basic hand tools:	The teacher:
		chisels	Discusses and demonstrates how to identify, select and use basic hand tools:
			chisels
			Discusses and demonstrates how to sharpen a chisel
			The learner completes the following activities:
			Identifies, selects and uses basic hand tools: chisels
			Sharpens a chisel
	Building and	Grade 4 2 nd year	Grade 4 2 nd year
	bricklaying	Set out and erect simple straight walls	The teacher:
			Discusses and demonstrates how to set out and erect simple straight walls
			The learner completes the following activities:
			Observes and assists in setting out and erecting simple straight walls

Practical assessment Term 1

Assessment is formally recorded during four (4) practical sessions with a minimum of four (4) skills reported. Learners, regardless of abilities, shall be assessed on the same skill. The following serves as suggestion of skills to record and report on.

Week	Grade 4 1 st year	Grade 4 2 nd year
2	Identify sewer lines on a drawing	Pour concrete
	Identify foundation lines on a drawing	Level concrete
3	Produce a free hand sketch of a trowel	Tamper the concrete
	Produce a freehand sketch of a bathroom	Render and float the concrete
4	Produce a free hand sketch of a stretcher	Check if the profile board is level
	bond wall	Use a profile rod to lay bricks
	Produce a free hand sketch of the	
	formwork of a driveway	
5	Show the boundary lines on a plan	Use a spirit level for transferring levels
	Show the foundation lines on a plan	Transfer levels using setting out pegs
6	Convert the boundary lines on a plan to	Set out a profile board
	metres	Level a profile board
	Convert the foundation lines on a plan to	
	metres	
7	Use a trowel to apply mortar	Place proportions of mortar mix
	Use a float to skim the floor	Mix mortar
8	Use a hammer to nail a beam	Set up profile board
	Use a rubber mallet to bed a paver	Lay first row of bricks
9	Use a chisel to chase a wall	Set up line for straightness
	Use a brick bolster to break a brick	Lay out the rest of bricks in a stretcher bond

Theoretical assessment Term 1

Assessment of 4 theoretical worksheets/activities to be recorded with a minimum of 1 theoretical worksheet/activity to be reported. The following serves as suggestions of worksheets/activities to report on.

Week	Grade 4 1st year	Grade 4 2 nd year
2	State the purpose of a plan	State the reason for levelling out concrete
3	State the purpose of a scale on a plan	State the reason for tampering concrete
4	State the material used in a free hand sketch	State the purpose of a profile
5	State the reason for setting out requirements on a plan	State the reason for transferring levels
6	State why plans are converted to mm on a plan	State the importance of a profile board
7	State the purpose of a trowel	State the purpose of mortar
8	State the purpose of the hammer	State the purpose of a stretcher bond
9	State the purpose of a chisel	State the purpose of setting up a straightness line

3.2.2 Grade four: 1st year and 2nd year. Term 2

		ade 4 Term 2
Topic	Content	Teaching tips, techniques, activities and resources.
Health safety		Grade 4 1 st year
		The teacher:
•	, , , , ,	
housekeeping	steps in an emergency	Discusses and demonstrates how to take appropriate steps in an emergency
practices	Set up protection and safety equipment for	• Discusses and demonstrates how to set up protection and safety equipment for a
	the working area	working area
	Practice good housekeeping	Discusses and demonstrate how to practice good housekeeping
		The learner completes the following activities:
		Takes appropriate steps in an emergency
		Sets up protection and safety equipment for a working area
		Practices good housekeeping
	Grade 4 2 nd year	Grade 4 2 nd year
	Report faulty equipment	The teacher:
	Practice cleanliness of workstations	Discusses and demonstrates how to report faulty equipment
	Practice good housekeeping	Discusses and demonstrates how to practice cleanliness of workstations
		Discusses and demonstrates how to practice good housekeeping
		The learner completes the following activities:
		Reports faulty equipment
		Practices cleanliness of work stations
H H	Health, safety and good nousekeeping	The learner must be able to: dealth, safety and good nousekeeping bractices Demonstrate the ability to take appropriate steps in an emergency Set up protection and safety equipment for the working area Practice good housekeeping Grade 4 2 nd year Report faulty equipment Practice cleanliness of workstations

		Gr	ade 4 Term 2
Week	Topic	Content The learner must be able to:	Teaching tips, techniques, activities and resources.
			Practices good housekeeping
	Tools and	Grade 4 1st year	Grade 4 1st year
	equipment	• Identify, select and use basic hand tools:	The teacher:
		spade, picks, wheelbarrow etc.	Discusses and demonstrates how to identify, select and use basic hand tools: the spade, the pick and a wheel barrow
			The learner completes the following activities:
			Identifies, selects and uses basic hand tools; the spade, the pick and a wheel
			barrow
	Building and	Grade 4 2 nd year	Grade 4 2 nd year
	bricklaying	Build a foundation wall up to damp proof	The teacher:
		course	Discusses and demonstrates how to build a foundation wall up to a damp proof course
			The learner completes the following activities:
			Observes and assists in building a foundation wall up to a damp proof course
3	Tools and	Grade 4 1st year	Grade 4 1st year
	equipment	• Identify, select and use specialised tools:	The teacher:
		the level	Discusses and demonstrates how to identify, select and use specialised tools: the level
			The learner completes the following activities:

		Gr	ade 4 Term 2
Week	Topic	Content	Teaching tips, techniques, activities and resources.
		The learner must be able to:	Adaptition collects and uses appointined tools; the level
			Identifies, selects and uses specialised tools: the level
	Building and	Grade 4 2 nd year	Grade 4 2 nd year
	bricklaying	Build a foundation wall up to damp proof	The teacher:
		course	Discusses and demonstrates how to build a foundation wall up to a damp proof
			course
			The leave or complete the fellowing activities.
			The learner completes the following activities:
			Observes and assists in building a foundation wall up to a damp proof course
4	Tools and	Grade 4 1 st year	Grade 4 1 st year
	equipment	• Identify, select and use specialised tools:	The teacher:
		the tile cutter	Discusses and demonstrates how to identify, select and use specialised tools: the
			tile cutter
			The learner completes the following activities:
			Identifies, selects and uses specialised tools: the tile cutter
	Building and	Grade 4 2 nd year	Grade 4 2 nd year
	bricklaying	 Install reinforcing according to specification 	The teacher:
			Discusses and demonstrates how to install reinforcing according to specification
		<i>(</i>) <i>(</i>	The learner completes the following activities:
			· -
			Installs reinforcing according to specification

		Gr	ade 4 Term 2
Week	Topic	Content The learner must be able to:	Teaching tips, techniques, activities and resources.
5	Tools and	Grade 4 1st year	Grade 4 1 st year
	equipment	• Identify, select and use specialised tools:	The teacher:
		the brick/ block making machine	Discusses and demonstrates how to identify, select and use specialised tools:
			the brick/ block making machine
			The learner completes the following activities:
			Identifies, selects and uses specialised tools: the brick/ block making machine
			Grade 4 2 nd year
	Building and	Grade 4 2 nd year	The teacher:
	bricklaying	• Install DPC sheeting to specified	Discusses and demonstrates how to install DPC sheeting to specified
		requirements	requirements
			The learner completes the following activities:
			Installs DPC membrane to specified requirements
6	Tools and	Grade 4 1st year	Grade 4 1st year
	equipment	• Identify, select and use measuring tools:	The teacher:
		tape measure	Discusses and demonstrates how to identify, select and use measuring tools: the
			tape measure
			The learner completes the following activities:
			Identifies, selects and uses measuring tools; the tape measure

	Grade 4 Term 2		
Week	Topic	Content The learner must be able to:	Teaching tips, techniques, activities and resources.
	Block and	Grade 4 2 nd year	Grade 4 2 nd year
	brick making	Identify, use and maintain a concrete brick	The teacher:
		and block making machine	Discusses and demonstrates how to identify, use and maintain a concrete brick
			and block making machine
			The learner completes the following activities:
			Identifies, uses and maintains a concrete brick and block making machine
7	Tools and	Grade 4 1st year	Grade 4 1st year
	equipment	Identify, select and use measuring tools: the	The teacher:
		builders square	Discusses and demonstrate how to identify, select and use measuring tools: the
			builders square
			The learner completes the following activities:
			Identifies, selects and uses measuring tools: the builders square
	Block and	Grade 4 2 nd year	Grade 4 2 nd year
	brick making	Identify, use and maintain a concrete brick	The teacher:
		and block making machine	Discusses and demonstrates how to identify, use and maintain a concrete brick
			and block making machine
			The learner completes the following activities:
			Identifies, uses and maintains a concrete brick and block making machine
8	Tools and	Grade 4 1st year	Grade 4 1st year

		Gr	rade 4 Term 2
Week	Topic	Content The learner must be able to:	Teaching tips, techniques, activities and resources.
	equipment	Identify, select and use measuring tools:	The teacher:
		gauge lath, builders line and the chalk line	Discusses and demonstrates how to identify, select and use measuring tools: the gauge lath, builders line and the chalk line
			The learner completes the following activities:
			Identifies, selects and uses measuring tools: gauge lath, builders line and the chalk line
	Block and	Grade 4 2 nd year	Grade 4 2 nd year
	brick making		
	brick making	Mix aggregate for concrete bricks or blocks	The teacher:
			Discusses and demonstrates how to mix aggregate for concrete bricks and
			blocks
			The learner completes the following activities:
			Mixes aggregate for concrete bricks or blocks
9	Tools and	Grade 4 1st year	Grade 4 1st year
	equipment	Identify, select and use power tools: the	The teacher:
		hand drill	Discusses and demonstrates how to identify, select and use power tools: the
			hand drill
			The learner completes the following activities:
			Identifies, selects and uses power tools: the hand drill

	Grade 4 Term 2		
Week	Topic	Content	Teaching tips, techniques, activities and resources.
		The learner must be able to:	
	Block and	Grade 4 2 nd year	Grade 4 2 nd year
	brick making	Mix aggregate for concrete bricks or blocks	The teacher:
			Discusses and demonstrates how to mix aggregate for concrete bricks and
			blocks
			The learner completes the following activities:
			Mixes aggregate for concrete bricks or blocks

Practical assessment term 2

Assessment is formally recorded during four (4) practical sessions with a minimum of four (4) skills reported. Learners, regardless of abilities, shall be assessed on the same skill. Although four theoretical are assessed and recorded, a minimum of one 1 theoretical activity is reported on. The following serves as suggestion of skills to record and report on.

Week	Grade 4 1st year	Grade 4 2 nd year		
2	Use a spade to dig a hole	Set up a profile		
	Use a wheel barrow to transport bricks	Set up a builders line		
3	Use a spirit level to check bricks vertically	Lay mortar		
	Use a spirit level to check bricks	Lay a row of bricks		
	horizontally			
4	Use a tile cutter to cut a tile	Lay a mortar bed		
	Clean a tile cutter	Lay reinforcing in mortar bed		
5	Fill a brick making machine with	Cut DPC sheeting to size		
	aggregate	Lay out DPC sheeting		
	Use the machine to compress the			
	aggregate			
6	Use a measuring tape to measure in	Prepare block making machine for use		
	centimetres	Mix aggregate for block making		
	Use a measuring tape to measure in			
	metres			
7	Use a builders square to square a corner	Measure out aggregate		
	Use a builders square to check	Fill aggregate in machine		
	straightness of a row of bricks			
8	Use a gauge lathe to lay bricks	Compress aggregate		
	Use a builders line to lay bricks	Remove machine		
9	Switch a drill on	Clean block making machine		
	Drill a hole in a piece of wood	Check if blocks are cured		

Theoretical assessment Term 2

Assessment of 4 theoretical worksheets/activities to be recorded with a minimum of 1 theoretical worksheet/activity to be reported. The following serves as suggestions of worksheets/activities to report on.

Week	Grade 4 1 st year	Grade 4 2 nd year
2	State the purpose of a pick	State the purpose of a profile
3	State the purpose of a spirit level	State the purpose of mortar
4	State the purpose of a tile cutter	State the purpose of reinforcing
5	State the purpose of a brick making machine	State the purpose of DPC sheeting
6	State the purpose of a measuring tape	State the purpose of the block making machine
7	State the purpose of a builders square	State the purpose of mixing the aggregate
8	State the purpose of a builders line	State the reason for compressing the aggregate
9	State the purpose of a drill	State the reason for curing blocks

3.2.3 Grade four: 1st year and 2nd year. Term 3

Grade 4 Terr			ade 4 Term 3
Week	Topic	Content The learner must be able to:	Teaching tips, techniques, activities and resources.
1	Health, safety	The learner must be able to: Grade 4 1st year	Grade 4 1 st year
'	and good		The teacher:
	housekeeping	safely	Discusses and demonstrates how to use, store and maintain tools and equipment
	practices	Practice good housekeeping	safely
			Discusses and demonstrates how to practice good housekeeping
			The learner completes the following activities:
			Uses, stores and maintains tools and equipment safely
			Practices good housekeeping
		Grade 4 2 nd year	Grade 4 2 nd year
		Practice relevant safety routines	The teacher:
		Practice safe handling and use of tools and	Discusses and demonstrates how to practice relevant safety routines
		equipment	Discusses and demonstrates how to practice safe handling and use of tools and
		Practice cleanliness and tidiness	equipment
		Practice good housekeeping	Discusses and demonstrates how to practice cleanliness and tidiness
			Discusses and demonstrates how to practice good housekeeping
			The learner completes the following activities:
			Practices relevant safety routines
			1 Tactices Televant Salety Toutines

	Grade 4 Term 3		
Week	Topic	Content The learner word he able to	Teaching tips, techniques, activities and resources.
		The learner must be able to:	Practice safe handling and use of tools and equipment
			Practices cleanliness and tidiness
			Practices good housekeeping
	Tools and	Grade 4 1st year	
2		•	Grade 4 1st year
	equipment	Identify, select and use power tools: the	The teacher:
		angle grinder	Discusses and demonstrates how to identify, select and use power tools: the
			angle grinder
			The learner completes the following activities:
			Identifies, selects and uses power tools: the angle grinder
	Block and	Grade 4 2 nd year	Grade 4 2 nd year
	brick making	Add pigment if necessary to aggregate	The teacher:
			Discusses and demonstrates how to add pigment, if necessary to an aggregate
			The learner completes the following activities:
			Adds pigment, if necessary to aggregate
3	Tools and	Grade 4 1st year	Grade 4 1 st year
	equipment	• Identify, select and use power tools: the jig	The teacher:
		saw	Discusses and demonstrates how to identify, select and use power tools; the jig
			saw
			The learner completes the following activities:

Grade 4 T			ade 4 Term 3
Week	Topic	Content The learner must be able to:	Teaching tips, techniques, activities and resources.
			Identifies, selects and uses power tools: the jig saw
	Block and	Grade 4 2 nd year	Grade 4 2 nd year
	brick making	Feed mechanical press with the required	The teacher:
		amount of concrete for a concrete brick or	Discusses and demonstrates how to feed mechanical press with the required
		block	amount of concrete for a concrete brick or block
			The learner completes the following activities:
			Feeds mechanical press with the required amount of concrete for a concrete brick
			or block
4	Tools and	Grade 4 1st year	Grade 4 1st year
	equipment	Identify, select and use power tools; the drill	The teacher:
		press	Discusses and demonstrates how to identify, select and use power tools; the drill
			press
			The learner completes the following activities:
			Identifies, selects and uses power tools; the drill press
	Block and	Grade 4 2 nd year	Grade 4 2 nd year
	brick making	Feed mechanical press with the required	The teacher:
		amount of concrete for a concrete brick or	Discusses and demonstrates how to feed mechanical press with the required
		block	amount of concrete for a concrete brick or block

		Gra	ade 4 Term 3
Week	Topic	Content	Teaching tips, techniques, activities and resources.
		The learner must be able to:	The learner completes the following activities:
			or block
5	Tools and	Grade 4 1 st year	Grade 4 1 st year
	equipment	• Identify, select and use power tools: the	The teacher:
		circular saw	Discusses and demonstrates how to identify, select and use power tools: the
			circular saw
			The learner completes the following activities:
			Identifies, selects and uses power tools: the circular saw
	Block and	Grade 4 2 nd year	Grade 4 2 nd year
	brick making	Compress aggregate and move machine to	The teacher:
		next spot	Discusses and demonstrates how to compress aggregate and move machine to
			next spot
			The learner completes the following activities:
			Compresses aggregate and moves machine to next spot
6	Access	Grade 4 1st year	Grade 4 1st year
	equipment	Erect and dismantle an extension ladder	The teacher:
		Make use of a step ladder	Discusses and demonstrates how to erect and dismantle an extension ladder
			Discusses and demonstrates how to make use of a step ladder

	Grade 4 Term 3		
Week	Topic	Content	Teaching tips, techniques, activities and resources.
		The learner must be able to:	The learner completes the following activities:
			Erects and dismantles an extension ladder
			Makes use of a step ladder
			Wakes use of a step ladder
	Block and	Grade 4 2 nd year	Grade 4 2 nd year
	brick making	Compress aggregate and move machine to	The teacher:
		next spot	Discusses and demonstrates how to compress aggregate and move machine to
		now oper	next spot
			The learner completes the following activities:
			Compresses aggregate and moves machine to next spot
7	Building and	Grade 4 1st year	Grade 4 1st year
'	bricklaying		The teacher:
	bricklaying	Understand the basic principles of site	Discusses and demonstrates the basic principles of site preparation
		preparation	
		Draw up an accurate estimate of the guantities for materials peeded.	Discusses and demonstrates how to draw up an accurate estimate of the guantities for materials peeded.
		quantities for materials needed	quantities for materials needed
			The learner completes the following activities:
			Understand the basic principles of site preparation
			Draw up an accurate estimate of the quantities for materials needed
			2.a. ap an accurate commute of the quantities for materials needed
	Block and	Grade 4 2 nd year	Grade 4 2 nd year
	brick making	Ensure that concrete bricks or blocks cured	The teacher:

	Grade 4 Term 3		
Week	Topic	Content The learner must be able to:	Teaching tips, techniques, activities and resources.
			Discusses and demonstrates how to ensure that concrete bricks or blocks cured
			The learner completes the following activities:
			Ensures that concrete bricks or blocks cured
8	Building and	Grade 4 1st year	Grade 4 1st year
	bricklaying	Prepare an order list based on specifications	The teacher:
		Identify suppliers of materials	Discusses and demonstrates how to prepare an order list based on specifications
			Discusses how to identify suppliers of materials
			The learner completes the following activities:
			Prepares an order list based on specifications
			Identifies suppliers of materials
			Grade 4 2 nd year
	Block and	Grade 4 2 nd year	The teacher:
	brick making	Check concrete bricks or blocks for defects	Discusses and demonstrates how to check concrete bricks or blocks for defects
			The learner completes the following activities:
			Checks concrete bricks or blocks for defects
9	Building and	Grade 4 1st year	Grade 4 1st year
	bricklaying	Know basic building materials	The teacher:
			Discusses building materials

	Grade 4 Term 3		
Week	Topic	Content	Teaching tips, techniques, activities and resources.
		The learner must be able to:	
			The learner completes the following activities:
			Identifies different building materials
	Masonry	Grade 4 2 nd year	Grade 4 2 nd year
	structures	Repair a concrete floor	The teacher:
			Discusses and demonstrates how to repair a concrete floor
			The learner completes the following activities:
			Observes and assists in repairing a concrete floor

Practical assessment Term 3

Assessment is formally recorded during four (4) practical sessions with a minimum of four (4) skills reported. Learners, regardless of abilities, shall be assessed on the same skill. Although four theoretical are assessed and recorded, a minimum of one 1 theoretical activity is reported on. The following serves as suggestion of skills to record and report on.

Week	Grade 4 1st year	Grade 4 2 nd year
2	Switch on an angle grinder	Add pigments to the aggregate
	Use an angle grinder	Mix the aggregate
3	Switch on a jig saw	Measure the required amount of aggregate for
	Use a jig saw	making a block
		Feed aggregate into machine
4	Switch on the drill press	Measure the required amount of aggregate needed
	Use a drill press	for block
		Feed the aggregate into the machine
5	Switch on a circular saw	Compress aggregate for making a block
	Use a circular saw	Move machine to next spot
6	Erect an extension ladder	Compress aggregate for making a brick
	Dismantle an extension ladder	Move machine to next spot
7	Draw up quantities for a mortar mix	Check if bricks are cured
	Draw up quantities for a concrete mix	Check if blocks are cured
8	Draw up an order list for building a wall	Check bricks for defects
	List the suppliers of the materials	Check blocks for defects
9	State the different types of sand used for	Clean the concrete floor
	building	Repair the concrete floor
	State the different types of DPC's used	
		ı

Theoretical assessment Term 3

Assessment of 4 theoretical worksheets/activities to be recorded with a minimum of 1 theoretical worksheet/activity to be reported. The following serves as suggestions of worksheets/activities to report on.

Week	Grade 4 1st year	Grade 4 2 nd year
2	State the purpose of the angle grinder	State what pigment is used for.
3	State the purpose of the jig saw	State the different quantities of aggregate needed to making a brick
4	State the purpose of the drill press	State the different quantities of aggregate needed for making a block
5	State the purpose of the circular saw	State the advantages of making your own blocks
6	State the purpose of the extension ladder	State the advantage of making your own bricks
7	State the mixes of mortar, concrete and plaster	State the curing time for blocks/bricks
8	State the purpose of an order list	State the reasons for defects in blocks/bricks
9	State the reasons for using different sands for building	State how to seal a concrete floor

3.2.4 Grade 4: 1st year and 2nd year. Term 4

		G	rade 4 Term 4
Week	Topic	Content The learner must be able to:	Teaching tips, techniques, activities and resources.
1	Health, safety	Grade 4 1st year	Grade 4 1st year
	and good	Comply with health, safety and welfare in	The teacher:
	housekeeping	the workplace	Discusses and demonstrates how to comply with health, safety and welfare in the
	practices	Practice good housekeeping	workplace
			Discusses and demonstrates how to practice good housekeeping
			The learner completes the following activities:
			Complies with health, safety and welfare in the workplace
			Practices good housekeeping
		Grade 4 2 nd year	Grade 4 2 nd year
		Practice good work habits- personal	The teacher:
		presentation	Discusses and demonstrates how to practice good work habits- personal
		Practice good work habits- social	presentation
		presentation	Discusses and demonstrates how to practice good work habits- social
		Practice good housekeeping	presentation
			Discusses and demonstrates how to practice good housekeeping

Grade 4 Term 4			
Topic	Content	Teaching tips, techniques, activities and resources.	
	The learner must be able to:	The learner completes the following activities:	
		Practices good work habits- personal presentation	
		Practices good work habits- social presentation	
		Practices good housekeeping	
Building and	Grade 4 1st year	Grade 4 1st year	
· ·	•	The teacher:	
		Discusses and demonstrates the dangers and safety precautions when handling	
	•	materials	
	The working and bare of materials	Discusses and demonstrates how to store and take care of materials	
		The learner completes the following activities:	
		Knows and states dangers and safety precautions when handling materials	
		Knows storage and how to care for materials	
Masonry	Grade 4 2 nd year	Grade 4 2 nd year	
structures	Repair a concrete floor	The teacher:	
		Discusses and demonstrates how to repair a concrete floor	
		The learner completes the following activities:	
		Observes and assists in repairing a concrete floor	
Building and	Grade 4 1st year	Grade 4 1st year	
bricklaying	Understand setting out principles	The teacher:	
E I	Building and pricklaying Masonry structures	Grade 4 1st year Nasonry Grade 4 2nd year Repair a concrete floor Grade 4 1st year Repair a concrete floor Grade 4 1st year Grade 4 2nd year Repair a concrete floor	

	Grade 4 Term 4		
Week	Topic	Content The learner must be able to:	Teaching tips, techniques, activities and resources.
		Know the different methods of squaring	Discusses and demonstrates setting out principles
			Discusses and demonstrates the different methods of squaring
			The learner completes the following activities:
			Understands setting out principles
			Knows the different methods of squaring
	Masonry	Grade 4 2 nd year	Grade 4 2 nd year
	structures	Re-point brickwork	The teacher:
			Discusses and demonstrates how to re-point brickwork
			The learner completes the following activities:
			Re-points brickwork
4	Building and	Grade 4 1st year	Grade 4 1st year
	bricklaying	Transfer foundation lines accurately to	The teacher:
		ground	Discusses and demonstrates how to transfer foundation lines accurately to ground
			The learner completes the following activities:
			Observes and assists in transferring foundation lines accurately to ground
			Grade 4 2 nd year
	Masonry	Grade 4 2 nd year	The teacher:
	structures		

		G	rade 4 Term 4
Week	Topic	Content The learner must be able to:	Teaching tips, techniques, activities and resources.
		Replace a damaged brick	Discusses and demonstrates how to replace a damaged brick
			The learner completes the following activities:
			Observes and assists in replacing a damaged brick
5	Building and	Grade 4 1st year	Grade 4 1st year
	bricklaying	Excavate trenches in accordance with	The teacher:
		specified dimensions and building	Discusses and demonstrates how to excavate trenches in accordance with
		regulations	specified dimensions and building regulations
			The learner completes the following activities:
			Observe and assist in excavating trenches in accordance with specified
			dimensions and building regulations
	Masonry	Grade 4 2 nd year	Grade 4 2 nd year
	structures	Replace a damaged brick	The teacher:
			Discusses and demonstrates how to replace a damaged brick
			The learner completes the following activities:
			Observes and assists in replacing a damaged brick
6	Building and	Grade 4 1st year	Grade 4 1st year
	bricklaying	Excavate trenches in accordance with	The teacher:
		specified dimensions and building	Discusses and demonstrates how to excavate trenches in accordance with
		*	

	Grade 4 Term 4		
Week	Topic	Content	Teaching tips, techniques, activities and resources.
		The learner must be able to: regulations	specified dimensions and building regulations
		- Togalations	opeomed annoncione and banaming regulations
			The learner completes the following activities:
			Observe and assist in excavating trenches in accordance with specified
			dimensions and building regulations
	Masonry		differsions and building regulations
	structures	Grade 4 2 nd year	Grade 4 2 nd year
	Structures	•	
		Patch rendering	The teacher:
			Discusses and demonstrates how to patch rendering
			The learner completes the following activities:
			Observes and assists in patching rendering
7	Building and	Grade 4 1st year	Grade 4 1st year
	bricklaying	Install pegs level and at the correct height	The teacher:
		including different step level	Discusses and demonstrates how to install pegs level and at the correct height
			including different step level
			The learner completes the following activities:
			Observes and assists in installing pegs level and at the correct height including
			different step level
	Masonry	Grade 4 2 nd year	Grade 4 2 nd year
	structures	Level uneven paving	The teacher:

	Grade 4 Term 4			
Week	Topic	Content The learner must be able to:	Teaching tips, techniques, activities and resources.	
			Discusses and demonstrates how to level uneven paving	
			The learner completes the following activities:	
			Observe and assist in levelling uneven paving	
8	Building and	Grade 4 1st year	Grade 4 1st year	
	bricklaying	Mix concrete	The teacher:	
			Discusses and demonstrates how to mix concrete	
			The learner completes the following activities:	
			Observes and assists in mixing concrete	
	Masonry	Grade 4 2 nd year	Grade 4 2 nd year	
	structures	Deal with rising damp	The teacher:	
			Discusses and demonstrates how to deal with rising damp	
			The learner completes the following activities:	
			Observe and assists in dealing with rising damp	
9	Building and	Grade 4 1st year	Grade 4 1st year	
	bricklaying	Mix concrete	The teacher:	
			Discusses and demonstrates how to mix concrete	
			The learner completes the following activities:	

	Grade 4 Term 4		
Week	Topic	Content	Teaching tips, techniques, activities and resources.
		The learner must be able to:	
			Observes and assists in mixing concrete
	Masonry		
	structures	Grade 4 2 nd year	Grade 4 2 nd year
		Clean masonry	The teacher:
			Discusses and demonstrates how to clean masonry
			The learner completes the following activities:
			Cleans masonry

Practical assessment

Assessment is formally recorded during four (4) practical sessions with a minimum of four (4) skills reported. Learners, regardless of abilities, shall be assessed on the same skill. Although four theoretical are assessed and recorded, a minimum of one 1 theoretical activity is reported on. The following serves as suggestion of skills to record and report on.

Week	Grade 4 1 st year	Grade 4 2 nd year
2	Demonstrate how to store cement	Clean up working area
	Demonstrate how to store sand	Repair concrete floor
3	Demonstrate how to use a square	Clean up work area
	Demonstrate how to square off a foundation	Re-point brickwork
4	Transfer foundation lines to ground	Remove damaged brick
	Check foundation lines for accuracy	Replace damaged brick
5	Loosen soil	Remove damaged brick
	Excavate trenches	Replace damaged brick
6	Loosen soil	Clean up working area
	Excavate trenches	Patch rendering
7	Install pegs at correct height in trench	Remove uneven paving
	Install pegs for step levels	Level out area and refit paving
8	Mix sand and cement	Prepare area
	Add stone and mix concrete	Damp proof area
9	Mix sand and cement	Prepare area for cleaning
	Add stone and mix concrete	Clean masonry
L		<u> </u>

Theoretical assessment

Assessment of 4 theoretical worksheets/activities to be recorded with a minimum of 1 theoretical worksheet/activity to be reported. The following serves as suggestions of worksheets/activities to report on.

Week	Grade 4 1st year	Grade 4 2 nd year
2	State the reason for storing cement correctly	State the reason for repairing a concrete floor
3	State the reason for squaring foundations	State the name of the re-pointing tool
4	State the reasons for transferring line to ground	State the reason for bricks getting damaged
5	State the reason for excavating trenches	State the reason for bricks getting damaged
6	State the reason for excavating trenches	State the mix used for rendering
7	State the reason for installing pegs before pouring concrete	State the reason for uneven paving
8	State the reason for adding stones to concrete	State the reason for rising damp
9	State the reason for adding stones to concrete	State the different equipment use to clean masonry

3.2.5 Grade 5: 1st, 2nd and 3rd year Term one

Learners are three years in Grade 5, and it is not advisable to repeat the same activities/projects more than once as this will not provide the learner the opportunity to learn additional skills.

	Grade 5 Term 1		
Week	Topic	Content	Teaching tips, techniques, activities and resources
		The learner must be able to:	
1	Health, safety	Grade 5 1 st year	Grade 5 1 st year
	and good	• Identify and remove potential hazards in the	The teacher:
	housekeeping	work areas	Discusses and demonstrates how to identify and remove potential hazards in the
	practices	State unsafe conditions and acts	work areas
		Practice good housekeeping	Discusses unsafe conditions and acts
			Discusses and demonstrates how to practice good housekeeping
			The learner completes the following activities:
			Identifies and removes potential hazards in the work areas
			States unsafe conditions and acts
			Practices good housekeeping
	Health, safety	Grade 5 2 nd year	Grade 5 2 nd year
	and good	Access a first aid box	The teacher:
	housekeeping	Administer basic first aid	Discusses and demonstrates how to access a first aid box
	practices	Practice good housekeeping	Discusses and demonstrates how to administer basic first aid
			Discusses and demonstrates how to practice good housekeeping

	Grade 5 Term 1		
Week	Topic	Content The learner must be able to:	Teaching tips, techniques, activities and resources
		The learner must be able to:	
	World of work	Grade 5 3 rd year • Identify the criteria for the work experience	The learner completes the following activities: Accesses a first aid box Administers basic first aid Practices good housekeeping Grade 5 3 rd year
		programme	The teacher:
		Practice good housekeeping	Discusses and demonstrates how to identify the criteria for the work experience programme
			Discusses and demonstrates how to practice good housekeeping
			The learner completes the following activities:
		.()	 States the criteria for the work experience programme Practices good housekeeping
2	Tools and	Grade 5 1st year	Grade 5 1st year
	equipment	Identify, use and care for tools	The teacher: Discusses and demonstrates how to identify, use and care for tools
			The learner completes the following activities:
			Identifies, uses and cares for tools .
	Building and	Grade 5 2 nd year	Grade 5 2 nd year

	Grade 5 Term 1		
Week	Topic	Content The learner must be able to:	Teaching tips, techniques, activities and resources
	bricklaying	Build an arch	The teacher:
			Discusses and demonstrates how to build an arch
			Discusses and demonstrates how to fit arch support
			The learner completes the following activities:
			Observes and assists in building an arch
			Observes and assists in fitting an arch support
	Basic	Grade 5 3 rd year	Grade 5 3 rd year
	plastering	Mix plaster	The teacher:
	skills		Discusses and demonstrates how to mix plaster
			The learner completes the following activities:
			Mixes plaster
3	Tools and	Grade 5 1st year	Grade 5 1st year
	equipment	Identify, use and care for power tools	The teacher:
			Discusses and demonstrates how to identify, use and care for power tools
			The learner completes the following activities:
			Identifies, uses and cares for power tools
	Building and	Grade 5 2 nd year	Grade 5 2 nd year
	bricklaying	Build an arch	The teacher:

		Gr	rade 5 Term 1
Week	Topic	Content The learner must be able to:	Teaching tips, techniques, activities and resources
	Basic plastering skills	Grade 5 3 rd year • Prepare work area for plastering, remove dust and dirt and dampen surfaces where necessary	 Discusses and demonstrates how to build an arch Discusses and demonstrates how to set brickwork on the arch support The learner completes the following activities: Observes and assists in building a flat arch Observes and assists in setting brickwork on the arch support Grade 5 3rd year The teacher: Discusses and demonstrates how to prepare work area for plastering, remove dust and dirt and dampen surfaces where necessary The learner completes the following activities: Prepares work area for plastering, removes dust and dirt and dampens surfaces where necessary
4	Tools and	Grade 5 1st year	Grade 5 1st year
	equipment	Identify, use and care for specialised tools	The teacher: • Discusses and demonstrates how to identify, use and care for specialised tool The learner completes the following activities: Identifies, uses and cares for specialised tools
	Building and	Grade 5 2 nd year	Grade 5 2 nd year

	Grade 5 Term 1		
Week	Topic	Content The learner must be able to:	Teaching tips, techniques, activities and resources
	bricklaying	Build one brick corner in a stretcher bond	The teacher:
			Discusses and demonstrates how to build a one brick corner in a stretcher bond
			The learner completes the following activities:
			Observes and assists in building a one brick corner in a stretcher bond
	Basic	Grade 5 3 rd year	Grade 5 3 rd year
	plastering	In-situ plaster mouldings are prepared and	The teacher:
	skills	fixed according to specifications	Discusses and demonstrates how to prepare and fix in-situ plaster mouldings
			according to specifications
			The learner completes the following activities:
			Observes and assists with preparing and fixing In-situ plaster mouldings
			according to specifications
5	Tools and	Grade 5 1st year	Grade 5 1st year
	equipment	Identify, use and care for measuring tools	The teacher:
			Discusses and demonstrates how to identify, use and care for measuring tools
			The learner completes the following activities:
			Identifies, uses and cares for measuring tools
	Building and	Grade 5 2 nd year	Grade 5 2 nd year
	bricklaying	Build one brick corner in a stretcher bond	The teacher:

Grade 5 Term 1			rade 5 Term 1
Week	Topic	Content The learner must be able to:	Teaching tips, techniques, activities and resources
			Discusses and demonstrates how to build a one brick corner in a stretcher bond
			The learner completes the following activities:
			Observes and assists in building a one brick corner in a stretcher bond
	Basic	Grade 5 3 rd year	Grade 5 3 rd year
	plastering	Prefabricated mouldings are prepared and	The teacher:
	skills	fixed according to specifications	Discusses and demonstrates how to prepare and fix prefabricated mouldings
			according to specifications
			The learner completes the following activities:
			Prepares and fixes prefabricated mouldings according to specifications
6	Tools and	Grade 5 1st year	Grade 5 1st year
	equipment	Maintain and repair tools and equipment.	The teacher:
			Discusses and demonstrates how to maintain and repair tools and equipment.
			The learner completes the following activities:
			Observes and assists in maintaining and repairing tools and equipment.
	Building and	Grade 5 2 nd year	Grade 5 2 nd year
	bricklaying	Build 330 columns or piers	The teacher:
			Discusses and demonstrates how to build 330 columns or piers

	Grade 5 Term 1		
Week	Topic	Content	Teaching tips, techniques, activities and resources
		The learner must be able to:	The learner completes the following activities:
			Observes and assists in building 330 columns or piers
	Basic	Grade 5 3 rd year	Grade 5 3 rd year
	plastering	Prefabricated mouldings are prepared and	The teacher:
	skills	fixed according to specifications	Discusses and demonstrates how to prepare and fix prefabricated mouldings
			according to specifications
			The learner completes the following activities:
			Observes and assists in preparing and fixing prefabricated mouldings according
			to specifications
7	Access	Grade 5 1st year	Grade 5 1st year
	equipment	Clear and level area where scaffolding is	The teacher:
		erected	Discusses and demonstrates how to level and clear area where scaffolding is
			erected
			The learner completes the following activities:
			Levels and clears area where scaffolding is erected
	Building and	Grade 5 2 nd year	Grade 5 2 nd year
	bricklaying	Build 330 columns or piers	The teacher:
			Discusses and demonstrates how to build 330 columns or piers

	Grade 5 Term 1		
Week	Topic	Content The learner must be able to:	Teaching tips, techniques, activities and resources
			The learner completes the following activities:
			Observes and assists in building 330 columns or piers
	Basic	Grade 5 3 rd year	Grade 5 3 rd year
	plastering	Plaster skirting's are formed according to	The teacher:
	skills	specifications	Discusses and demonstrates how plaster skirting's are formed according to
			specifications
			The learner completes the following activities:
			Observes and assists in forming plaster skirting's according to specifications
8	Access	Grade 5 1st year	Grade 5 1st year
	equipment	Place adjustable jacks in position	The teacher:
		Level horizontal components	Discusses and demonstrates how to place adjustable jacks in position
			Discusses and demonstrates how to level horizontal components
			The learner completes the following activities:
			Places adjustable jacks in position
			Levels horizontal components
	Building and	Grade 5 2 nd year	Grade 5 2 nd year
	bricklaying	Build 220 columns	The teacher:
			Discusses and demonstrates how to build 220 columns

	Grade 5 Term 1		
Week	Topic	Content The learner must be able to:	Teaching tips, techniques, activities and resources
		The learner must be able to.	The learner completes the following activities:
			Observes and assists in building 220 columns
	Basic	Grade 5 3 rd year	Grade 5 3 rd year
	plastering	Plaster walls	The teacher:
	skills		Discusses and demonstrates how to plaster walls
			The learner completes the following activities:
			Observes and assists in plastering walls
9	Access	Grade 5 1st year	Grade 5 1st year
	equipment	Position scaffold boards properly on	The teacher:
		supports	Discusses and demonstrates how to position scaffold boards properly on
		Tighten all couplings	supports
			Discusses and demonstrates how to tighten all couplings
			The learner completes the following activities:
			Positions scaffold boards properly on supports
			Tightens all couplings
	Building and	Grade 5 2 nd year	Grade 5 2 nd year
	bricklaying	Build 220 columns	The teacher:
			Discusses and demonstrates how to build 220 columns

		Gr	ade 5 Term 1
Week	Topic	Content	Teaching tips, techniques, activities and resources
		The learner must be able to:	
			The learner completes the following activities:
			Observes and assists in building 220 columns
	Basic	Grade 5 3 rd year	Grade 5 3 rd year
	plastering	Plaster walls	The teacher:
	skills		Discusses and demonstrates how to plaster walls
			The learner completes the following activities:
			Observes and assists in plastering walls

Practical assessment Term 1

Assessment is formally recorded during four (4) practical sessions with a minimum of four (4) skills reported. Learners, regardless of abilities, shall be assessed on the same skill. Although four theoretical are assessed and recorded, a minimum of one 1 theoretical activity is reported on. The following serves as suggestion of skills to record and report on.

Week	Grade 5 1 st year	Grade 5 2 nd year	Grade 5 3 rd year
2	Use basic tools	Secure temporary arch side	Dry mix plaster
	Care for basic tools	supports	Wet mix plaster
		Secure arch support	
3	Use power tools	Set brick work on arch	Prepare work area for
	Care for power tools	support	plastering
		Cut and place centre brick	Dampen surfaces where
			necessary
4	Use specialised tools	Erect profile for brickwork	Prepare plaster mouldings
	Care for specialised	Build a brick corner in a	Fix plaster mouldings
		stretcher bond	
5	Use measuring tools	Erect profile for brickwork	Prepare plaster mouldings
	Care for measuring tools	Build a brick corner in a	Fix plaster mouldings
		stretcher bond	
6	Maintain tools and equipment	Set profile for 330 column	Prepare plaster mouldings
	Repair tools and equipment	Build a 330 column	Fix plaster mouldings
7	Clear area for scaffolding	Set profile for 330 column	Mark off area for plaster
	Level area for scaffolding	Build a 330 column	skirting
			Form plaster skirting
8	Place adjustable jack in	Set profile for 220 column	Prepare plaster mouldings
	position	Build a 220 column	Fix plaster mouldings
	Level jacks		
9	Tighten couplings	Set profile for 220 column	Prepare plaster mouldings
	Position scaffold board on	Build a 220 column	Fix plaster mouldings
	supports on supports		

Theoretical assessment Term 1

Assessment of 4 theoretical worksheets/activities to be recorded with a minimum of 1 theoretical worksheet/activity to be reported. The following serves as suggestions of worksheets/activities to report on.

Week	Grade 5 1 st year	Grade 5 2 nd year	Grade 5 3 rd year
2	Identify basic tools	State the purpose of an arch	State the proportions of sand
		support	and cement to be used
3	Identify power tools	State the reason for cutting	State the reason for preparing
		the centre brick	are for plastering
4	Identify specialised tools	State the purpose of a	State the reason for using in-
		stretcher bond	situ plaster mouldings
5	Identify measuring tools	State the purpose of a	State the reason for using in-
		stretcher bond	situ plaster mouldings
6	State the reasons for tools and	State the purpose of a 330	State the reason for using in-
	equipment getting equipment	column	situ plaster mouldings
7	State the reason for levelling	State the purpose of a 330	State the reason for plaster
	area for scaffolding	column	skirting
8	State the reason for using	State the purpose of a 220	State the reasons for
	adjustable jacks	column	plastering walls
9	State the reason for support	State the purpose of a 220	State the reason for floating
	boards	column	plastered walls

3.2.6 Grade 5: 1st, 2nd and 3rd year

		G	rade 5 Term 2
Week	Topic	Content The learner must be able to:	Teaching tips, techniques, activities and resources
1	Health, safety	Grade 5 1st year	Grade 5 1 st year
	and good	Practice good housekeeping	The teacher:
	housekeeping	Locate fire extinguishers and fire hoses	Discusses and demonstrates how to practice good housekeeping
	practices	ŭ	Discusses and demonstrates how to locate fire extinguishers and fire hoses
			The learner completes the following activities:
			Practices good housekeeping
			Locates fire extinguishers and fire hoses
	Health, safety	Grade 5 2 nd year	Grade 5 2 nd year
	and good	Intervene in a first aid scenario	The teacher:
	housekeeping	Treat bleeding wounds	Discusses and demonstrates how intervene in a first aid scenario
	practices	Practice good housekeeping	Discusses and demonstrates how to treat bleeding wounds
			Discusses and demonstrates how to practice good housekeeping
			The learner completes the following activities:
			Intervenes in a first aid scenario
			Treats bleeding wounds
			Practices good housekeeping
	World of work	Grade 5 3 rd year	Grade 5 3 rd year

		Gr	ade 5 Term 2
Week	Topic	Content The learner must be able to:	Teaching tips, techniques, activities and resources
		Perform personal management/ activities	The teacher:
		for daily living	Discusses and demonstrates how to perform personal management/ activities for
		Participate in the learner work experience	daily living
		programme(LWEP)	Discusses how to participate in the learner work experience programme(LWEP)
		Practice good housekeeping	Discusses and demonstrates how to practice good housekeeping
			The learner completes the following activities:
			Performs personal management/ activities for daily living
			Participates in the learner work experience programme(LWEP)
			Practices good housekeeping
2	Access	Grade 5 1st year	Grade 5 1 st year
	equipment	Dismantle and stack components in the	The teacher:
		correct order	Discusses and demonstrates how to dismantle and stack components in the
			correct order
			The learner completes the following activities:
			Dismantles and stacks components in the correct order
	Building and	Grade 5 2 nd year	Grade 5 2 nd year
	bricklaying	Build an arch	The teacher:
			Discusses and demonstrates how to build an arch
			The learner completes the following activities:

	Grade 5 Term 2		
Week	Topic	Content The learner must be able to:	Teaching tips, techniques, activities and resources
			Observes and assists in building an arch
	Basic	Grade 5 3 rd year	Grade 5 3 rd year
	plastering	Use correct tools for horizontal and vertical	The teacher:
	skills	joints	Discusses and demonstrates how to use correct tools for horizontal and vertical joints
			The learner completes the following activities:
			Uses correct tools for horizontal and vertical joints
3	Access	Grade 5 1 st year	Grade 5 1 st year
	equipment	Erect and dismantle a trestle scaffold	The teacher:
			Discusses and demonstrates how to erect and dismantle a trestle scaffold
			The learner completes the following activities:
			Observes and assists in erecting and dismantling a trestle scaffold
	Building and	Grade 5 2 nd year	Grade 5 2 nd year
	bricklaying	Build an arch	The teacher:
			Discusses and demonstrates how to build an arch
			The learner completes the following activities:
			Observes and assists in building an arch

	Grade 5 Term 2		
Week	Topic	Content The learner must be able to:	Teaching tips, techniques, activities and resources
	Finishing	Grade 5 3 rd year	Grade 5 3 rd year
		Fit windows	The teacher:
			Discusses and demonstrates how to fit windows
			The learner completes the following activities:
			Observes and assists in fitting windows
4	Building and	Grade 5 1st year	Grade 5 1st year
	bricklaying	Describe the procedures and precautions	The teacher:
		involved in mixing of concrete and mortar	Discusses and demonstrates the procedures and precautions involved in mixing
		on site	of concrete and mortar on site
			The learner completes the following activities:
			Describes the procedures and precautions involved in mixing of concrete and
			mortar on site
	Building and	Grade 5 2 nd year	Grade 5 2 nd year
	bricklaying	• Install horizontal reinforcement in	The teacher:
		accordance with movement and strength	Discusses and demonstrates how to install horizontal reinforcement in
		requirements	accordance with movement and strength requirements
			The learner completes the following activities:
			Observes and assists in installing horizontal reinforcement in accordance with
			movement and strength requirements

	Grade 5 Term 2		
Week	Topic	Content The learner must be able to:	Teaching tips, techniques, activities and resources
		The learner must be able to.	
	Finishing	Grade 5 3 rd year	Grade 5 3 rd year
		Fit windows	The teacher:
			Discusses and demonstrates how to fit windows
			The learner completes the following activities:
			Observes and assists in fitting windows
5	Building and	Grade 5 1st year	Grade 5 1st year
	bricklaying	Describe the procedures and precautions	The teacher:
		involved in mixing of concrete and mortar	Discusses and demonstrates the procedures and precautions involved in mixing
		on site	of concrete and mortar on site
			The learner completes the following activities:
			Describes the procedures and precautions involved in mixing of concrete and
			mortar on site
	Building and	Grade 5 2 nd year	Grade 5 2 nd year
	bricklaying	Install horizontal reinforcement in	The teacher:
		accordance with movement and strength	Discusses and demonstrates how to install horizontal reinforcement in
		requirements	accordance with movement and strength requirements
			The learner completes the following activities:
			Observes and assists in installing horizontal reinforcement in accordance with

	Grade 5 Term 2		
Week	Topic	Content The learner must be able to:	Teaching tips, techniques, activities and resources
		The learner must be able to.	movement and strength requirements
	Finishing	Grade 5 3 rd year	Grade 5 3 rd year
		Fit wall plates for roof trusses	The teacher:
			Discusses and demonstrates how to fit wall plates for roof trusses
			The learner completes the following activities:
			Observes and assists in fitting wall plates for roof trusses
6	Building and	Grade 5 1st year	Grade 5 1st year
	bricklaying	Cast a concrete slab	The teacher:
			Discusses and demonstrates how to cast a concrete slab
			The learner completes the following activities:
			Observes and assists in casting a concrete slab
	Building and	Grade 5 2 nd year	Grade 5 2 nd year
	bricklaying	Prepare the work area where the formwork	The teacher:
		is to be fabricated	Discusses and demonstrates how to prepare the work area where the formwork
			is to be fabricated
			The learner completes the following activities:
			Prepares the work area where the formwork is to be fabricated
	Finishing	Grade 5 3 rd year	Grade 5 3 rd year

		Gi	rade 5 Term 2
Week	Topic	Content The learner must be able to:	Teaching tips, techniques, activities and resources
		Set out, position and secure roof trusses	The teacher:
			Discusses and demonstrates how to set out, position and secure roof trusses
			The learner completes the following activities:
			Observes and assists in setting out, positioning and securing roof trusses
7	Building and	Grade 5 1st year	Grade 5 1st year
	bricklaying	Cast a concrete slab	The teacher:
			Discusses and demonstrates how to cast a concrete slab
			The learner completes the following activities:
			Observes and assists in casting a concrete slab
	Building and	Grade 5 2 nd year	Grade 5 2 nd year
	bricklaying	Prepare the work area where the formwork	The teacher:
		is to be fabricated	Discusses and demonstrates how to prepare the work area where the formwork
			is to be fabricated
			The learner completes the following activities:
			Prepares the work area where the formwork is to be fabricated
	Finishing	Grade 5 3 rd year	Grade 5 3 rd year
		Set out, position and secure roof trusses	The teacher:
			Discusses and demonstrates how to set out, position and secure roof trusses

	Grade 5 Term 2			
Week	Topic	Content The learner must be able to:	Teaching tips, techniques, activities and resources	
		The learner must be able to.		
			The learner completes the following activities:	
			Observes and assists in setting out, positioning and securing roof trusses	
8	Building and	Grade 5 1st year	Grade 5 1st year	
	bricklaying	Lay a concrete floor and top screed	The teacher:	
			Discusses and demonstrates how to lay a concrete floor and top screed	
			The learner completes the following activities:	
			Observes and assists in laying a concrete floor and top screed	
	Building and	Grade 5 2 nd year	Grade 5 2 nd year	
	bricklaying	Fabricate formwork	The teacher:	
			Discusses and demonstrates how to fabricate formwork	
			The learner completes the following activities:	
			Observes and assists in fabricating formwork	
	Finishing	Grade 5 3 rd year	Grade 5 3 rd year	
		Set out, position and secure roof trusses	The teacher:	
			Discusses and demonstrates how to set out, position and secure roof trusses	
			The learner completes the following activities:	
			Observes and assists in setting out, positioning and securing roof trusses	

		Gı	rade 5 Term 2
Week	Topic	Content The learner must be able to:	Teaching tips, techniques, activities and resources
9	Building and	Grade 5 1st year	Grade 5 1st year
	bricklaying	Lay a concrete floor and top screed	The teacher:
			Discusses and demonstrates how to lay a concrete floor and top screed
			The learner completes the following activities:
			Observes and assists in laying a concrete floor and top screed
	Building and	Grade 5 2 nd year	Grade 5 2 nd year
	bricklaying	Fabricate formwork	The teacher:
			Discusses and demonstrates how to fabricate formwork
			The learner completes the following activities:
			Observes and assists in fabricating formwork
	Finishing	Grade 5 3 rd year	Grade 5 3 rd year
		Fit door locks	The teacher:
			Discusses and demonstrates how to fit door locks
			The learner completes the following activities:
			Observes and assists in fitting door locks

Practical assessment Term 2

Assessment is formally recorded during four (4) practical sessions with a minimum of four (4) skills reported. Learners, regardless of abilities, shall be assessed on the same skill. Although four theoretical are assessed and recorded, a minimum of one 1 theoretical activity is reported on. The following serves as suggestion of skills to record and report on.

Week	Grade 5 1 st year	Grade 5 2 nd year	Grade 5 3 rd year
2	Dismantle access equipment	Place formwork in position	Use correct tools for horizontal
	Stack access equipment	Build an arch	joints
			Use correct tools for vertical
			joints
3	Erect a trestle scaffold	Place formwork in position	Place windows in position and
	Dismantle a trestle scaffold	Build an arch	level
			Secure window frame
4	Dry mix concrete	Prepare area for horizontal	Place windows in position and
	Wet mix concrete	reinforcement	level
		Install horizontal	Secure window frame
		reinforcement	
5	Dry mix mortar	Prepare area for horizontal	Mark out roof truss wall plates
	Wet mix mortar	reinforcement	position
		Install horizontal	Fit wall plates
		reinforcement	
6	Pour concrete	Clear the work area for	Position roof trusses
	Tamper concrete	formwork	Secure roof trusses
		Prepare the work area for	
		formwork	
7	Pour concrete	Clear the work area for	Position roof trusses
	Tamper concrete	formwork	Secure roof trusses
		Prepare the work area for	
		formwork	
8	Screed the concrete floor	Fabricate formwork	Position roof trusses
	Float the concrete floor	Install formwork	Secure roof trusses
9	Screed the concrete floor	Fabricate formwork	Prepare door and frame for
	Float the concrete floor	Install formwork	locks
			Fit door locks

Theoretical assessment Term 2

Assessment of 4 theoretical worksheets/activities to be recorded with a minimum of 1 theoretical worksheet/activity to be reported. The following serves as suggestions of worksheets/activities to report on.

Week	Grade 5 1st year	Grade 5 2 nd year	Grade 5 3 rd year
2	State the reason for using	State the reason for arch form	Name the tools used for
	access equipment	work	vertical and horizontal joints
3	State the purpose of a trestle	State the reason for arch	State the purpose of windows
	scaffold	formwork	
4	State the precautions taken	State the reason for horizontal	State how you would secure
	when mixing concrete	reinforcement	windows to the brickwork
5	State the precautions taken	State the reason for horizontal	State the purpose of roof truss
	when mixing mortar	reinforcement	wall plates
6	State the reason for tampering	State the reason for formwork	State the purpose of roof
	concrete		trusses
7	State the reason for tampering	State the reason for formwork	State how you would secure
	concrete		roof trusses
8	State the reason for screeding	State the material used for	State the materials that roof
	the concrete floor	formwork	trusses are made off
9	State the reason for screeding	State the material used for	State the purpose of door locks
	the concrete floor	formwork	

3.2.7 Grade 5: 1st, 2nd and 3rd year

	Grade 5 Term 2			
Week	Topic	Content	Teaching tips, techniques, activities and resources	
1	Health, safety	The learner must be able to: Grade 5 1st year	Grade 5 1 st year	
'	and good	 Identify and use fire extinguishers 	The teacher:	
	housekeeping			
		Identify and follow procedures for	Discusses and demonstrates how to identify and use fire extinguishers	
	practices	emergencies promptly and correctly	Discusses and demonstrates how to identify and follow procedures for	
			emergencies promptly and correctly	
			The learner completes the following activities:	
			Identifies and uses fire extinguishers	
			Identifies and follows procedures for emergencies promptly and correctly	
	Health, safety	Grade 5 2 nd year	Grade 5 2 nd year	
	and good	Treat an injured person for shock	The teacher:	
	housekeeping	Observe organisational housekeeping	Discusses and demonstrates how to treat an injured person for shock	
	practices	policies and procedures	Discusses and demonstrates organisational housekeeping policies and	
		Practice good housekeeping	procedures	
			Discusses and demonstrates how to practice good housekeeping	
			Processes and demonstrates from to processe good nedecticoping	
			The learner completes the following activities:	
			Treats an injured person for shock	
		()		
			Observes organisational housekeeping policies and procedures	
			Practices good housekeeping	

	Grade 5 Term 2			
Week	Topic	Content	Teaching tips, techniques, activities and resources	
		The learner must be able to:		
			Crade F. 2rd year	
			Grade 5 3 rd year	
	World of work	Grade 5 3 rd year	The teacher:	
		Work with competence	Discusses and demonstrates how to work with competence	
		Have good work tolerance	Discusses and demonstrates how to have good work tolerance	
		Practice good housekeeping	Discusses and demonstrates how to practice good housekeeping	
			The learner completes the following activities:	
			Works with competence	
			Practices good work tolerance	
			Practices good housekeeping	
2	Building and	Grade 5 1st year	Grade 5 1st year	
	bricklaying	Lay a concrete floor and top screed	The teacher:	
			Discusses and demonstrates how to lay a concrete floor and top screed	
			The learner completes the following activities:	
			Observes and assists in laying a concrete floor and top screed	
	Building and	Grade 5 2 nd year	Grade 5 2 nd year	
	bricklaying	Conduct post-fabrication activities	The teacher:	
		Prepare the work area where the formwork	Discusses and demonstrates how to conduct post-fabrication activities	
		is to be erected	Discusses and demonstrates how to prepare the work area where the formwork	
			is to be erected	
			10 10 00 0100100	

	Grade 5 Term 2			
Week	Topic	Content	Teaching tips, techniques, activities and resources	
		The learner must be able to:		
			The learner completes the following activities:	
			Observes and assists in conducting post-fabrication activities	
			Observes and assists in preparing the work area where the formwork is to be	
			erected	
		Grade 5 3 rd year	Grade 5 3 rd year	
	Finishing	Fit doors	The teacher:	
			Discusses and demonstrates how to fit doors	
			The learner completes the following activities:	
			Observes and assists in fitting doors	
3	Building and	Grade 5 1 st year	Grade 5 1st year	
	bricklaying	Understand the principles of constructing	The teacher:	
		load bearing walls	Discusses the principles of constructing load bearing walls	
			The learner completes the following activities:	
			Understands the principles of constructing load bearing walls	
	Building and	Grade 5 2 nd year	Grade 5 2 nd year	
	bricklaying	Conduct post-fabrication activities	The teacher:	
		Prepare the work area where the formwork	Discusses and demonstrates how to conduct post-fabrication activities	
		is to be erected	Discusses and demonstrates how to prepare the work area where the formwork	

	Grade 5 Term 2			
Week	Topic	Content	Teaching tips, techniques, activities and resources	
		The learner must be able to:	is to be erected The learner completes the following activities:	
			Observes and assists in conducting post-fabrication activities	
			Observes and assists in preparing the work area where the formwork is to be erected	
		Grade 5 3 rd year	Grade 5 3 rd year	
	Finishing	Fit doors	The teacher:	
			Discusses and demonstrates how to fit doors	
			The learner completes the following activities:	
			Observes and assists in fitting doors	
4	Building and	Grade 5 1st year	Grade 5 1st year	
	bricklaying	Build 110 brick wall between columns	The teacher:	
			Discusses and demonstrates how to Build 110 brick wall between columns	
			The learner completes the following activities:	
			Observes and assists in building 110 brick wall between columns	
	Building and	Grade 5 2 nd year	Grade 5 2 nd year	
	bricklaying	Erect formwork	The teacher:	
			Discusses and demonstrates how to erect formwork	

	Grade 5 Term 2			
Week	Topic	Content	Teaching tips, techniques, activities and resources	
		The learner must be able to:		
			The learner completes the following activities:	
			Observes and assists in erecting formwork	
	Finishing	Grade 5 3 rd year	Grade 5 3 rd year	
		Fit DPC to roof	The teacher:	
			Discusses and demonstrates how to fit DPC to roof	
			The learner completes the following activities:	
			Observes and assists in fitting DPC to roof	
5	Building and	Grade 5 1st year	Grade 5 1st year	
	bricklaying	Build 110 brick wall between columns	The teacher:	
			Discusses and demonstrates how to build 110 brick wall between columns	
			The learner completes the following activities:	
			Observes and assists in building 110 brick wall between columns	
	Building and	Grade 5 2 nd year	Grade 5 2 nd year	
	bricklaying	Erect formwork	The teacher:	
			Discusses and demonstrates how to erect formwork	
			The learner completes the following activities:	
			Observes and assists in erecting formwork	

	Grade 5 Term 2			
Week	Topic	Content The learner must be able to:	Teaching tips, techniques, activities and resources	
	Finishing	Grade 5 3 rd year	Grade 5 3 rd year	
	i illisillig	_,	The teacher:	
		Fit DPC to roof		
			Discusses and demonstrates how to fit DPC to roof	
			The learner completes the following activities:	
			Observes and assists in fitting DPC to roof	
6	Building and	Grade 5 1st year	Grade 5 1st year	
	bricklaying	Build 220 brick wall between columns	The teacher:	
			Discusses and demonstrates how to build 220 brick wall between columns	
			The learner completes the following activities:	
			Observes and assists in building 220 brick wall between columns	
	Building and	Grade 5 2 nd year	Grade 5 2 nd year	
	bricklaying	Pour concrete in the formwork	The teacher:	
			Discusses and demonstrates how to pour concrete in the formwork	
			The learner completes the following activities:	
			Observes and assists in pouring concrete in the formwork	
	Finishing	Grade 5 3 rd year	Grade 5 3 rd year	
		Fit roof tile battens	The teacher:	

	Grade 5 Term 2			
Week	Topic	Content The learner must be able to:	Teaching tips, techniques, activities and resources	
		The learner must be usic to.	Discusses and demonstrates how to fit roof tile battens	
			The learner completes the following activities:	
			Observes and assists in fitting roof tile battens	
7	Building and	Grade 5 1st year	Grade 5 1st year	
	bricklaying	Build 220 brick wall between columns	The teacher:	
			Discusses and demonstrates how to build 220 brick wall between columns	
			The learner completes the following activities:	
			Observes and assists in building 220 brick wall between columns	
	Building and	Grade 5 2 nd year	Grade 5 2 nd year	
	bricklaying	Strip formwork	The teacher:	
			Discusses and demonstrates how to strip formwork	
			The learner completes the following activities:	
			Observes and assists in stripping formwork	
	Finishing	Grade 5 3 rd year	Grade 5 3 rd year	
		Fit roof tile battens	The teacher:	
			Discusses and demonstrates how to fit roof tile battens	
			The learner completes the following activities:	

	Grade 5 Term 2			
Week	Topic	Content The learner must be able to:	Teaching tips, techniques, activities and resources	
			Observes and assists in fitting roof tile battens	
8	Building and	Grade 5 1st year	Grade 5 1st year	
	bricklaying	Build a cavity wall with window frames	The teacher:	
			Discusses and demonstrates how to fit build a cavity wall with window frames	
			The learner completes the following activities:	
			Observes and assists in building a cavity wall with window frames	
			•	
	Building and	Grade 5 2 nd year	Grade 5 2 nd year	
	bricklaying	Build decorative elements(flat or semi-	The teacher:	
		circular arch)	Discusses and demonstrates how to build decorative elements(flat or semi-	
			circular arch)	
			The learner completes the following activities:	
			Observes and assists in building decorative elements(flat or semi-circular arch)	
	Finishing	Grade 5 3 rd year	Grade 5 3 rd year	
		Fit roof tiles	The teacher:	
			Discusses and demonstrates how to fit roof tiles	
			The learner completes the following activities:	
			Observes and assists in fitting roof tiles	
9	Building and	Grade 5 1 st year	Grade 5 1st year	

	Grade 5 Term 2			
Week	Topic	Content The learner must be able to:	Teaching tips, techniques, activities and resources	
	bricklaying	Build a cavity wall with window frames	The teacher: Discusses and demonstrates how to fit build a cavity wall with window frames The learner completes the following activities: Observes and assists in building a cavity wall with window frames	
	Building and bricklaying			
	bricklaying	Build decorative elements(flat or semi- circular arch)	 The teacher: Discusses and demonstrates how to build decorative elements(flat or semi-circular arch) The learner completes the following activities: Observes and assists in building decorative elements(flat or semi-circular arch) 	
	Finishing	Grade 5 3 rd year • Fit roof tiles	Grade 5 3 rd year The teacher: Discusses and demonstrates how to fit roof tiles The learner completes the following activities:	
			Observes and assists in fitting roof tiles	

Practical assessment term 3

Assessment is formally recorded during four (4) practical sessions with a minimum of four (4) skills reported. Learners, regardless of abilities, shall be assessed on the same skill. Although four theoretical are assessed and recorded, a minimum of one 1 theoretical activity is reported on. The following serves as suggestion of skills to record and report on.

Week	Grade 5 1 st year	Grade 5 2 nd year	Grade 5 3 rd year
2	Lay a concrete floor	Conduct post fabrication	Fit door hinges
	Screed a concrete floor	activities	Fit doors
		Prepare work area for	
		formwork	
3	Show which is the strongest	Conduct post fabrication	Fit door hinges
	bond for load bearing walls	activities	Fit doors
	Show how to construct load	Prepare work area for	
	bearing walls	formwork	
4	Set profile for 110 brick wall	Measure material for	Measure out DPC
	Build a 110 brick wall	formwork	Lay DPC on trusses
		Erect formwork	
5	Set profile for 110 brick wall	Measure material for	Measure out DPC
	Build a 110 brick wall	formwork	Lay DPC on trusses
		Erect formwork	
6	Set profile for 220 brick wall	Mix concrete for formwork	Make up a tile batten spacer
	Build a 220 brick wall	Pour concrete for formwork	template
			Use template to fit roof tile
			battens
7	Set profile for 220 brick wall	Check if concrete is set	Make up a tile batten spacer
	Build a 220 brick wall	Remove formwork	template
			Use template to fit roof tile
			battens
8	Set a profile for a cavity wall	Prepare work area	Fit roof tiles
	with windows	Build decorative elements	Fit roof tile caps
	Build a cavity wall with window		
	frames		
9	Set a profile for a cavity wall	Prepare work area	Fit roof tiles
	with windows	Build decorative elements	Fit roof tile caps
	Build a cavity wall with window		
	frames		

Theoretical assessment Term 3

Assessment of 4 theoretical worksheets/activities to be recorded with a minimum of 1 theoretical worksheet/activity to be reported. The following serves as suggestions of worksheets/activities to report on.

Week	Grade 5 1st year	Grade 5 2 nd year	Grade 5 3 rd year
2	State the reasons for	State the purpose of	State the different types of
	screeding the concrete floors	formwork	doors
3	State the purpose of load	State the purpose of	State the different width of
	bearing walls	formwork	doors
4	State the purpose of a 110	State the materials used in	State the purpose of DPC
	wall	formwork	
5	State the purpose of a 110	State the materials used in	State the reason for using of
	wall	formwork	SABS DPC
6	State the purpose of a 220	State the purpose of putting	State the purpose of roof tile
	wall	steel in formwork	batten spacer template
7	State the purpose of a 220	State the drying period of	State the purpose of roof tile
	wall	concrete in formwork	battens
8	State the reasons for cavity	State the purpose of building	State the purpose of roof tiles
	walls	decorative elements	
9	State the reasons for cavity	State the purpose of building	State the purpose of roof tile
	walls	decorative elements	caps

3.2.8 Grade 5: 1st, 2nd and 3rd year

		Gr	ade 5 Term 4	
Week	Topic	Content The learner must be able to:	Teaching tips, techniques, activities and resources	
1	Health, safety	Grade 5 1 st year	Grade 5 1 st year	
	and good	Report injuries involving individuals to the	The teacher:	
	housekeeping	relevant persons promptly	Discusses how to report injuries involving individuals to the relevant persons	
	practices		promptly	
			The learner completes the following activities:	
			Reports injuries involving individuals to the relevant persons promptly	
	Health, safety	Grade 5 2 nd year	Grade 5 2 nd year	
	and good	Comply with housekeeping procedures and	The teacher:	
	housekeeping	policies	Discusses and demonstrates how to comply with housekeeping procedures and	
	practices	Identify and report shortcomings in	policies	
		housekeeping practices	Discusses and demonstrates how to identify and report shortcomings in	
		Comply with relevant safety routines	housekeeping practices	
		Practice good housekeeping	Discusses and demonstrates how to comply with relevant safety routines	
			Discusses and demonstrates how to practice good housekeeping	
			The learner completes the following activities:	
			Complies with housekeeping procedures and policies	
			Identifies and reports shortcomings in housekeeping practices	

		Gr	ade 5 Term 4
Week	Topic	Content The learner must be able to:	Teaching tips, techniques, activities and resources
			Complies with relevant safety routines
			Practices good housekeeping
	World of work	Grade 5 3 rd year	Grade 5 3 rd year
		Practice appropriate social skills training	The teacher:
		Be orientated to the open labour market	Discusses and demonstrates how to practice appropriate social skills training
			Discusses how to be orientated to the open labour market
			The learner completes the following activities:
			Practices appropriate social skills training
			Is orientated to the open labour market
2	Building and	Grade 5 1st year	Grade 5 1st year
	bricklaying	Build a cavity wall with door frames	The teacher:
			Discusses and demonstrates how to build a cavity wall with door frames
			The learner completes the following activities:
			Observes and assists in building a cavity wall with door frames
	Building and	Grade 5 2 nd year	Grade 5 2 nd year
	bricklaying	Finish decorative element	The teacher:
		Join and point decorative element	Discusses and demonstrates how to finish decorative element
			Discusses and demonstrates how to join and point decorative element

	Grade 5 Term 4			
Week	Topic	Content The learner must be able to:	Teaching tips, techniques, activities and resources	
			The learner completes the following activities:	
			Observes and assists in finishing decorative element	
			Observes and assists in joining and pointing decorative element	
		Grade 5 3 rd year	Grade 5 3 rd year	
	Finishing	Paint undercoat	The teacher:	
			Discusses and demonstrates how to paint undercoat	
			The learner completes the following activities:	
			Observes and assists in painting undercoat	
3	Building and	Grade 5 1st year	Grade 5 1st year	
	bricklaying	Build a cavity wall with door frames	The teacher:	
			Discusses and demonstrates how to build a cavity wall with door frames	
			The learner completes the following activities:	
			Observes and assists in building a cavity wall with door frames	
	Building and	Grade 5 2 nd year	Grade 5 2 nd year	
	bricklaying	Lay tiles	The teacher:	
			Discusses and demonstrates how to lay tiles	
			The learner completes the following activities:	
			Observes and assists in laying of tiles	

	Grade 5 Term 4			
Week	Topic	Content The learner must be able to:	Teaching tips, techniques, activities and resources	
	Finishing	Grade 5 3 rd year	Grade 5 3 rd year	
	J	Paint undercoat	The teacher:	
			Discusses and demonstrates how to paint undercoat	
			The learner completes the following activities:	
			Observes and assists in painting undercoat	
4	Building and	Grade 5 1st year	Grade 5 1st year	
	bricklaying	Build in sills and embed tiles in mortar	The teacher:	
			Discusses and demonstrates how to build in sills and embed tiles in mortar	
			The learner completes the following activities:	
			Observes and assists in building in sills and embedding tiles in mortar	
	Building and	Grade 5 2 nd year	Grade 5 2 nd year	
	bricklaying	Lay tiles	The teacher:	
			Discusses and demonstrates how to lay tiles	
			The learner completes the following activities:	
			Discusses and demonstrates how to paint undercoat	
	Finishing	Grade 5 3 rd year	Grade 5 3 rd year	
		Install a range of finishing components	The teacher:	

	Grade 5 Term 4			
Week	Topic	Content The learner must be able to:	Teaching tips, techniques, activities and resources	
			Discusses and demonstrates how to install a range of finishing components	
			The learner completes the following activities:	
			Discusses and demonstrates how to install a range of finishing components	
5	Building and	Grade 5 1 st year	Grade 5 1st year	
	bricklaying	Build in sills and embed tiles in mortar	The teacher:	
			Discusses and demonstrates how to build in sills and embed tiles in mortar	
			The learner completes the following activities:	
			Observes and assists in building in sills and embedding tiles in mortar	
			Grade 5 2 nd year	
	Building and	Grade 5 2 nd year	The teacher:	
	bricklaying	Lay pavers	Discusses and demonstrates how to lay pavers	
			The learner completes the following activities:	
			Observes and assists in laying pavers	
	Finishing	Grade 5 3 rd year	Grade 5 3 rd year	
		Install a range of finishing components	The teacher:	
			Discusses and demonstrates how to install a range of finishing components	
			The learner completes the following activities:	

	Grade 5 Term 4			
Week	Topic	Content The learner must be able to:	Teaching tips, techniques, activities and resources	
			Discusses and demonstrates how to install a range of finishing components	
6	Building and	Grade 5 1st year	Grade 5 1st year	
	bricklaying	Lay blocks	The teacher:	
			Discusses and demonstrates how to lay blocks	
			The learner completes the following activities:	
			Observes and assists in laying blocks	
	Building and	Grade 5 2 nd year	Grade 5 2 nd year	
	bricklaying	Lay pavers	The teacher:	
			Discusses and demonstrates how to lay pavers	
			The learner completes the following activities:	
			Discusses and demonstrates how to lay pavers	
	Masonry	Grade 5 3 rd year	Grade 5 3 rd year	
	structures	Repair faulty flashings	The teacher:	
			Discusses and demonstrates how to repair faulty flashings	
			The learner completes the following activities:	
			Observes and assists in repairing faulty flashings	
7	Building and	Grade 5 1st year	Grade 5 1 st year	
	bricklaying	Lay blocks	The teacher:	

	Grade 5 Term 4			
Week	Topic	Content The learner must be able to:	Teaching tips, techniques, activities and resources	
		The learner must be able to:	Discusses and demonstrates how to lay blocks	
			The learner completes the following activities:	
			Observes and assists in laying blocks	
	Basic	Grade 5 2 nd year	Grade 5 2 nd year	
	plastering	Clean concrete slab	The teacher:	
	skills	Check and level slab	Discusses and demonstrates how to clean concrete slab	
			Discusses and demonstrates how to check and level slab	
			The learner completes the following activities:	
			Observes and assists in cleaning concrete slab	
			Observes and assists in checking and levelling slab	
	Masonry	Grade 5 3 rd year	Grade 5 3 rd year	
	structures	Repair faulty flashings	The teacher:	
			Discusses and demonstrates how to repair faulty flashings	
			The learner completes the following activities:	
			Observes and assists in repairing faulty flashings	
8	Building and	Grade 5 1st year	Grade 5 1 st year	
	bricklaying	Build a right angle return half brick wall	The teacher:	
		between vertical columns/ profiles	Discusses and demonstrates how to build a right angle return half brick wall	

	Grade 5 Term 4			
Week	Topic	Content	Teaching tips, techniques, activities and resources	
		The learner must be able to:	between vertical columns/ profiles	
			The learner completes the following activities:	
			Observes and assists in building a right angle return half brick wall between vertical columns/ profiles	
	Basic	Grade 5 2 nd year	Grade 5 2 nd year	
	plastering	Apply damp proof course on concrete slab	The teacher:	
	skills	where required	Discusses and demonstrates how to apply damp proof course on concrete slab where required	
			The learner completes the following activities:	
			Observes and assists in applying damp proof course on concrete slab where	
			required	
	Masonry	Grade 5 3 rd year	Grade 5 3 rd year	
	structures	Repair cracks in walls	The teacher:	
			Discusses and demonstrates how to repair cracks in walls	
			The learner completes the following activities:	
			Observes and assists in repairing cracks in walls	
9	Building and	Grade 5 1st year	Grade 5 1st year	
	bricklaying	Build a right angle return half brick wall	The teacher:	

Grade 5 T			rade 5 Term 4
Week	Topic	Content The learner must be able to:	Teaching tips, techniques, activities and resources
	between vertical columns/ profiles The learner completes the following activities:		between vertical columns/ profiles The learner completes the following activities: Observes and assists in building a right angle return half brick wall between
	Basic	Grade 5 2 nd year	Grade 5 2 nd year
	plastering	Top and screed floor surfaces	The teacher:
	skills		Discusses and demonstrates how to top and screed floor surfaces
			The learner completes the following activities:
			Observes and assists in topping and screeding floor surfaces
	Masonry	Grade 5 3 rd year	Grade 5 3 rd year
	structures	Repair cracks in wall	The teacher:
			Discusses and demonstrates how to repair cracks in walls The learner completes the following activities:
			Observes and assists in repairing cracks in walls

Practical assessment Term 4

Assessment is formally recorded during four (4) practical sessions with a minimum of four (4) skills reported. Learners, regardless of abilities, shall be assessed on the same skill. Although four theoretical are assessed and recorded, a minimum of one 1 theoretical activity is reported on. The following serves as suggestion of skills to record and report on.

Week	Grade 5 1 st year	Grade 5 2 nd year	Grade 5 3 rd year
2	Set profile	Finish decorative element	Prepare surface for painting
	Set door frame	Point decorative element	undercoat
			Paint on undercoat
3	Build a cavity wall	Mark out area for tiling	Prepare surface for painting
	Set lintel	Lay tiles	undercoat
			Paint on undercoat
4	Build in sills	Cut finishing tiles	Fit glass blocks tracks
	Embed tiles in sill	Grout tiles	Fit glass blocks
5	Build a cavity wall	Prepare area for laying	Fit caps on walls
	Set lintel	pavers	Point cap edges
		Compact area for laying	
		pavers	
6	Set profile	Lay pavers	Remove defective flashing
	Set mortar and builders line	Dust sea sand into joints or fill	Clean area
		joints with mortar	
7	Lay blocks	Clean concrete slab	Cut out flashing sheet
	Lay half block in a stretcher	Level slab	Secure new flashing
	bond		
8	Set profile	Measure DPC	Chip out, groove cracks
	Build a right angle return half	Cut and place DPC on	Clean out cracks
	brick	concrete slab	
9	Set profile	Screed floor surface	Fill cracks with mortar
	Build a right angle return half	Float floor surface	Float mortar in cracks
	brick		
L			

Theoretical assessment term 4

Assessment of 4 theoretical worksheets/activities to be recorded with a minimum of 1 theoretical worksheet/activity to be reported. The following serves as suggestions of worksheets/activities to report on.

Week	Grade 5 1 st year	Grade 5 2 nd year	Grade 5 3 rd year
2	State the purpose of setting	State the reason for pointing	State the purpose of
	door frames	decorative elements	undercoat
3	State the purpose of a lintel	State the purpose of tile fix	State the purpose of undercoat
4	State the purpose of sills	State the purpose of grouting tiles	State the purpose of glass blocks
5	State the purpose of sills	State the reason for compacting the paving area	State the purpose of caps
6	State the purpose of a builders line	State the reason for using a level on paving	State the reason for renewing flashing
7	State the purpose of half blocks	State the method of levelling the slab	State the purpose of bitumen on roof flashing
8	State the purpose of a right angle half brick	State the purpose of DPC	State the reason for chipping/ grooving cracks
9	State the purpose of a right angle half brick	State the purpose of screeding floor surfaces	State the reason for walls cracking

4 SECTION 4: ASSESSMENT IN BUILDING AND PLASTERING

Subject specific content to be added to generic section 4 after public comment changes/corrections have been made.

Assessment across the 5 years

Grade 4 - Practical assessment tasks

Tasł	Week	Grade 4 1 st year	Grade 4 2 nd year	
Tern	n 1			
1	Week 2 or 3	Identify sewer lines on a drawing. Identify foundation lines on a drawing	Pour concrete. Level concrete	
2	Week 4 or 5	Produce a free hand sketch of a stretcher bond wall. Produce a free hand sketch of the formwork of a driveway	Check if the profile board is level Use a profile rod to lay bricks	
3	Week 6 or 7	Convert the boundary lines on a plan to metres. Convert the foundation lines on a plan to metres	Set out a profile board Level a profile board	
4	Week 8 or 9	Use a hammer to nail a beam Use a rubber mallet to bed a paver	Set up profile board Lay first row of bricks	
Tern	n 2			
1	Week 2 or 3	Use a spade to dig a hole. Use a wheel barrow to transport bricks	Set up a profile Set up a builders line	
2	Week 4 or 5	Use a tile cutter to cut a tile Clean a tile cutter	Lay a mortar bed Lay reinforcing in mortar bed	

		Use a measuring tape to measure in	Prepare block making machine for use	
3	Week 6 or 7	centimetres. Use a measuring tape to measure in metres		
4	Week 8 or 9	Use a gauge lathe to lay bricks	Compress aggregate	
4	Week o or 9	Use a builders line to lay bricks	Remove machine	
Terr	m 3			
1	Week 2 or 3	Switch on an angle grinder	Add pigments to the aggregate	
		Use an angle grinder	Mix the aggregate	
2	Week 4 or 5	Switch on the drill press	Measure the required amount of aggregate	
		Use a drill press	needed for block. Feed the aggregate into the machine	
3	Week 6 or 7	Erect an extension ladder	Compress aggregate for making a brick	
		Dismantle an extension ladder	Move machine to next spot	
		Draw up an order list for building a	Check bricks for defects	
4	Week 8 or 9	wall. List the suppliers of the materials	Check blocks for defects	
Terr	m 4			
1	Week 2 or 3	Demonstrate how to store cement	Clean up working area	
		Demonstrate how to store sand	Repair concrete floor	
2	Week 4 or 5	Transfer foundation lines to ground	Remove damaged brick	
		Check foundation lines for accuracy	Replace damaged brick	
3	Week 6 or 7	Loosen soil	Clean up working area	
		Excavate trenches	Patch rendering	
4	Week 8 or 9	Mix sand and cement	Prepare area	
		Add stone and mix concrete	Damp proof area	
L				

Grade 4 terms 1 – 4: Theoretical assessment tasks

Evidence of one theoretical task of formal assessment between weeks 2-09 as in the annual teaching plan must be available for quality assurance.

Grade 5 - Practical assessment tasks

Task	Week	Grade 5 1 st year	Grade 5 2 nd year	Grade 5 3 rd year		
Term	Term 1					
	Maril O.	Use basic tools	Secure temporary arch side	Dry mix plaster		
1	Week 2 or 3	Care for basic tools	supports. Secure arch support	Wet mix plaster		
	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Use specialised tools	Erect profile for brickwork	Prepare plaster		
2	Week 4 or 5	Care for specialised	Build a brick corner in a	mouldings		
			stretcher bond	Fix plaster mouldings		
)M 0	Maintain tools and	Set profile for 330 column	Prepare plaster		
3	Week 6 or 7	equipment. Repair tools and equipment	Build a 330 column	mouldings. Fix plaster mouldings		
		Place adjustable jack in	Set profile for 330 column	Prepare plaster		
4	Week 8 or 9	position. Level jacks	Build a 330 column	mouldings. Fix plaster mouldings		
Term 2						
1	Week 2 or 3	Dismantle access equipment. Stack access equipment	Place formwork in position. Build an arch	Use correct tools for horizontal joints. Use correct tools for vertical		

				joints	
2	Week 4 or 5	Dry mix concrete. Wet mix concrete	Prepare area for horizontal reinforcement. Install horizontal reinforcement	Place windows in position and level. Secure window frame	
3	Week 6 or 7	Pour concrete. Tamper concrete	Clear the work area for formwork. Prepare the work area for formwork	Position roof trusses. Secure roof trusses	
4	Week 8 or 9	Screed the concrete floor. Float the concrete floor	Fabricate formwork. Install formwork	Position roof trusses. Secure roof trusses	
Term	Term 3				
1	Week 2 or 3	Lay a concrete floor. Screed a concrete floor	Conduct post fabrication activities. Prepare work area for formwork	Fit door hinges. Fit doors	
2	Week 4 or 5	Set profile for 110 brick wall. Build a 110 brick wall	Measure material for formwork. Erect formwork	Measure out DPC. Lay DPC on trusses	
3	Week 6 or 7	Set profile for 220 brick wall. Build a 220 brick wall	Mix concrete for formwork. Pour concrete for formwork	Make up a tile batten spacer template. Use template to fit roof tile battens	
4	Week 8 or 9	Set a profile for a cavity wall with windows. Build a cavity wall with window frames	Prepare work are Build decorative elements	Fit roof tiles. Fit roof tile caps	
Term 4					

1	Week 2 or 3	Set profile. Set door frame	Finish decorative element. Point decorative element	Prepare surface for painting undercoat. Paint on undercoat
2	Week 4 or 5	Build in sills. Embed tiles in sill	Cut finishing tiles. Grout tiles	Fit glass blocks tracks. Fit glass blocks
3	Week 6 or 7	Set profile. Set mortar and builders line	Lay pavers. Dust sea sand into joints or fill joints with mortar	Remove defective flashing. Clean area
4	Week 8 or 9	Set profile. Build a right angle return half brick	Screed floor surface. Float floor surface	Fill cracks with mortar. Float mortar in cracks

Grade 5 terms 1 – 4: Theoretical assessment tasks

Evidence of one theoretical task of formal assessment between weeks 2-09 as in the annual teaching plan must be available for quality assurance.

