

GRADE 11 MATHEMATICAL LITERACY ANNUAL TEACHING PLAN (ATP) 2023 - 2026

TERM 1	Week 1: W: 2,6 %	Week 2: W: 6,7%	Week 3: W:10,8%	Week 4: W: 14,9%	Week 5: W: 19%	Week 6: W: 23,1%	Week 7: W: 27,2%	Week 8: W: 31,3%	Week 9: W: 33,4%	Week 10: W: 35,5%	Week 11 W: 35,5%
1. Daily Lesson preparations must be based on ATP for grade 11			2. Learners should be given at least four standardised activities per week (class/homework)					3. Educators should give learners weekly or monthly or short informal test for consolidation purpose			
CAPS Topic	PATTERNS AND RELATIONSHIPS			MEASUREMENTS					FINANCE:		REVISION:
Concepts, skills and values	<ul style="list-style-type: none">Patterns and Relationships (2,6%):<ul style="list-style-type: none">Constant difference (two relationships)Inverse proportion (two relationships)Constant ratio between consecutive termsA combination of any two of the aboveRepresentations (two relationships)<ul style="list-style-type: none">Equations/Formulaedependent and independent variablestables and graphs		Working with two relationships (4,1%): Use formulae/equations, tables and graphs to: <ul style="list-style-type: none">compare different tariff systems,comparing different banking options, etc.	<ul style="list-style-type: none">Conversions (4,1%):<ul style="list-style-type: none">Metric to ImperialTemperature (°C to °F and vice versa)Time<ul style="list-style-type: none">Duration (hours to minutes and vice versa)	<ul style="list-style-type: none">Conversions (4,1%): Equivalent/proportionality conversions Eg. 5 litre paint covers 20m²; 1teaspoon ≈ 5ml	<ul style="list-style-type: none">Measuring & estimating (4,1%):<ul style="list-style-type: none">LengthDistanceMass/weightVolumeTemperature	<ul style="list-style-type: none">Calculate (4,1% + 4,1%)<ul style="list-style-type: none">PerimeterArea (Surface Area)VolumeNote: Costs calculations may apply to the above sections	Financial Documents (2,1% + 2,1%) <ul style="list-style-type: none">Terminology and calculations of the values on the documentsIncome (fixed/variable and occasional): Sources of income<ul style="list-style-type: none">personal income (e.g. salaries, wages and commission)business income (e.g. sales, donations and grants)Expenditure:<ul style="list-style-type: none">Personal expenditure (e.g. living expenses, personal tax, loan repayments)Business expenditure (e.g. taxes, salaries, running expenses)		<ul style="list-style-type: none">Patterns and RelationshipsMeasurementFinance	
Page no. in CAPS	Page 38 - 43		Page 44 -46	Page 63,70			Page 64 - 69			Page 49	
Requisite pre-knowledge	Grade 10-content										
Resources to enhance learning	CAPS Document CAPS Aligned Textbooks Examination Guidelines Calculators			CAPS Document CAPS Aligned Textbooks Examination Guidelines Calculators Distance <ul style="list-style-type: none">Ruler; Tape measureScales; Trundle wheelsOdometers Mass/weight <ul style="list-style-type: none">Bathroom-, Kitchen scalesElectronic scales Volume <ul style="list-style-type: none">Spoons; CupsJugs; BottlesBuckets; Wheelbarrows Temperature: Thermometer					Pay slips, Quotations, Invoices, Receipts, Travel allowance claim forms, Banking documents CAPS Aligned Textbooks Examination Guidelines Calculators		
Informal assessm; remediation	Short tests on equations, tables and graphs			Short test on conversions and time			Worksheet on perimeter, area and volume			Short tests on financial documents	
SBA (Formal Assessment)	INVESTIGATION and CONTROLLED TEST										

TERM 2	Week 1: W:38,9 %	Week 2: W: 43,5%	Week 3: W:46,8 %	Week 4: W: 49,1 %	Week 5: W:51,4%	Week 6: W: 54,5%	Week 7: W:57,6 %	Week 8: W:60,7 %	Week 9: W:60,3 %	Week 10 W:63 %	Week 11 W:63 %						
1. Daily Lesson preparations must be based on ATP for grade 11				2. Learners should be given at least four standardised activities per week (class/homework)				3. Educators should give learners weekly or monthly or short informal test for consolidation purpose									
CAPS Topics	FINANCE		MAPS, PLANS & OTHER REPRESENTATIONS		DATA HANDLING			PROBABILITY		REVISION							
Concepts, skills and values	Taxation (3,4%): <ul style="list-style-type: none">VATUIF	Tariff System (4,6%): <ul style="list-style-type: none">Municipal tariffsTelephone tariffsTransport tariffsBank fees <div>Compare two options<ul style="list-style-type: none">performing calculationsdrawing and interpreting graphs</div>	Scales and Map (2,3% + 2,3%): <ul style="list-style-type: none">Scales<ul style="list-style-type: none">Number scalesBar ScalesMaps (directions and point locations):<ul style="list-style-type: none">Seating plansLay out planStreet mapsRoad and rail maps (national/provincial)Residential maps etc.		Developing Questions (3,1%) <ul style="list-style-type: none">Collecting Data:<ul style="list-style-type: none">populations and samples, data collection methods and instrumentsClassifying and organising data:<ul style="list-style-type: none">Tallies and frequency tables	<ul style="list-style-type: none">Summarising data (3,1%):<ul style="list-style-type: none">MeanMedianModeRangeAnalyse data represented by the above averages	Representing, Interpreting and Analysing Data (3,1%): <ul style="list-style-type: none">Multiple bar graphsLine and broken line graphScatter plots	<ul style="list-style-type: none">Simple events (2,3%):<ul style="list-style-type: none">Outcome, event and probability scale (revision)Relative frequencyTheoretical probabilityCompound Events :<ul style="list-style-type: none">Tree diagramsTwo-way tables	<div>Notes on or guidelines for mid-year examinations – Two Papers</div> <table><tr><th>PAPER 1</th><th>PAPER 2</th></tr><tr><td>75 MARKS: 1 HOUR 30 MINUTES</td><td>75 MARKS: 1 HOUR 30 MINUTES</td></tr><tr><td colspan="2">Total Marks = 150</td></tr></table>			PAPER 1	PAPER 2	75 MARKS: 1 HOUR 30 MINUTES	75 MARKS: 1 HOUR 30 MINUTES	Total Marks = 150	
	PAPER 1	PAPER 2															
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	Total Marks = 150																
Page no. in CAPS	Page 58	Page 50	Page 73 - 78		Page 83	Page 84 - 85	Page 86 - 88	Page 91 - 94									
Requisite pre-knowledge	Grade 10-content																
Resources (other than textbook) to enhance learning	CAPS Aligned Textbooks Examination Guidelines - Calculators	Tariffs CAPS Aligned Textbooks Examination Guidelines - Calculators			CAPS Aligned Textbooks Examination Guidelines Calculators			<ul style="list-style-type: none">Coins and DiceGames involving coins and diceDeck of cardsWeather reports									
Informal assessm; remediation	Short tests on income and expenditure	Short tests tariff system	Short tests on scales and maps														
SBA (Formal Assessment)	ASSIGNMENT and MID-YEAR EXAMINATION																

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TERM 3	Week 1: W:67,1%	Week 2 W: 71,2%	Week 3 W: 75,3%	Week 4 W: 79,8%	Week 5 W: 84,3 %	Week 6 W: 87,6%	Week 7: W: 90,9%	Week 8: W: 93,1%	Week 9: W: 95,3%	Week 10 W: 95,3%	Week 11 W: 95,3%
1. Daily Lesson preparations must be based on ATP for grade 11			2. Learners should be given at least four standardised activities per week (class/homework)				3. Educators should give learners weekly or monthly or short informal test for consolidation purpose				
CAPS Topics	Income, Expenditures, Profit/Loss (4,1%): • (Large organisations and fundraising projects) - A comparison of income/ expenditure/ profit values over two years - Budgets showing a comparison of projected vs actual, expenditure and profit/loss values		Cost Price & Selling Price (4,1%): - Cost of producing/ manufacturing - Appropriate selling price - Percentage profit		Break-even analysis (4,1%): • (Determine break-even values from formulae and graphs)		FINANCE Interest, Loans and Banking (4,5% + 4,5%): • Interest (Calculate without the use of the formulae) - Loans - Investments - Bank accounts • Banking - Savings account - Cheque/current account - Fixed deposit account - Credit and debit account - etc. • Inflation - Calculation - Rate of increase or decrease		MAPS, PLANS & OTHER REPRESENTATIONS • Building plans (Scale) (3,3% + 3,3%): - Housing plans - Elevation plans - Design drawings • Models (2,2% +2,2%) - Packaging - Use actual cans and a range of actual boxes		Revision and Consolidation • Finance • Data Handling • Measurements • Maps and Plans
Page no. in CAPS	Page 52 - 53				CAPS: Page 54 – 60		CAPS: Page 73 - 78		CAPS: Page 79 -80		
Requisite pre-knowledge							Grade 10-content				
Resources to enhance learning	CAPS Aligned Textbooks Examination Guidelines Calculators		CAPS Aligned Textbooks Examination Guidelines Calculators		CAPS aligned textbooks Exam Guidelines Calculator Banking - Saving accounts - Cheque accounts - Fixed deposits Credit accounts with credit card and debit account with debit card		Floor plans elevation and design: - Rough & scaled floor/layout plans showing a top view perspective - Maps CAPS Aligned Textbooks Examination Guidelines Calculators		CAPS aligned Textbooks Examination Guidelines Calculators		CAPS aligned Textbooks Examination Guidelines Calculators
Informal assessm; remediation	Short test on income/expenditure/profit/Loss/breakeven analysis						Short tests on scales and maps		Short test on models and Packaging		Worksheets and Mock Exams
SBA (Formal Assessment)	ASSIGNMENT and CONTROLLED TEST										

TERM 4	Week 1: W:100%	Week 2: W:100%	Week 3 W:100%	Week 4 W:100%	Week 5 W:100%	Week 6 W:100%	Week 7 – 10 W:100%	
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CAPS Topics	MAPS, PLANS & OTHER REPRESENTATIONS		REVISION AND CONSOLIDATION			END OF THE YEAR EXAMINATION		
Concepts, skills and values	Assembling (4,7%) <ul style="list-style-type: none">Follow instructions, e.g.<ul style="list-style-type: none">PlugsPlastic modelsUnassembled wooden furnitureCell phonesElectrical appliancesChildren’s toys		<ul style="list-style-type: none">FinanceData HandlingProbability		<ul style="list-style-type: none">MeasurementMaps, plans and other representations of the physical world.Probability		Notes on or guidelines for final examinations: FINAL EXAMINATION (two papers)	
							PAPER 1	PAPER 2
							100 MARKS: 2 HOURS	100 MARKS: 2 HOURS
							Question 1: 20% (level 1) Question 2: Finance Question 3: Data Handling Question 4 – 5: Integration of Finance, Data Handling and Probability	Question 1 = 20% (level 1) Question 2: Maps and Plans Question 3: Measurements Question 4 – 5: Integration of Maps & Plans and Measurements and Probability
Page no. in CAPS	CAPS: Page 79 - 80							
Pre-Requisite knowledge	Grade 10 content							
Resources to enhance learning	CAPS aligned Textbooks Examination Guidelines <ul style="list-style-type: none">Calculators				CAPS aligned Textbooks Examination Guidelines Calculators			
Informal assessm; remediation	Practical test on how to assemble a product				Worksheets and Mock Exams			
SBA (Formal Assessment)	NO SBA TASK FOR TERM 4							