

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"> <li>Patterns and Relationships (2,6%):           <ul style="list-style-type: none"> <li>Constant difference (two relationships)</li> <li>Inverse proportion (two relationships)</li> <li>Constant ratio between consecutive terms</li> <li>A combination of any two of the above</li> </ul> </li> <li>Representations (two relationships)           <ul style="list-style-type: none"> <li>Equations/Formulæ</li> <li>dependent and independent variables</li> <li>tables and graphs</li> </ul> </li> </ul>		<ul style="list-style-type: none"> <li>Working with two relationships (4,1%):           <ul style="list-style-type: none"> <li>Use formulae/equations, tables and graphs to:               <ul style="list-style-type: none"> <li>compare different tariff systems,</li> <li>comparing different banking options, etc.</li> </ul> </li> </ul> </li> </ul>		<ul style="list-style-type: none"> <li>Conversions (4,1%):           <ul style="list-style-type: none"> <li>Metric to Imperial</li> <li>Temperature (°C to °F and vice versa)</li> </ul> </li> <li>Time           <ul style="list-style-type: none"> <li>Duration (hours to minutes and vice versa)</li> </ul> </li> </ul>		<ul style="list-style-type: none"> <li>Conversions (4,1%):           <ul style="list-style-type: none"> <li>Equivalent/proportionality conversions</li> </ul> </li> </ul>		<ul style="list-style-type: none"> <li>Measuring &amp; estimating (4,1%):           <ul style="list-style-type: none"> <li>Length</li> <li>Distance</li> <li>Mass/weight</li> <li>Volume</li> </ul> </li> <li>Temperature</li> </ul>		<ul style="list-style-type: none"> <li>Calculate (4,1% + 4,1%)           <ul style="list-style-type: none"> <li>Perimeter</li> <li>Area (Surface Area)</li> <li>Volume</li> </ul> </li> </ul>		Financial Documents (2,1% + 2,1%) <ul style="list-style-type: none"> <li>Terminology and calculations of the values on the documents</li> <li>Income (fixed/variable and occasional): Sources of income</li> <li>personal income (e.g. salaries, wages and commission)</li> <li>business income (e.g. sales, donations and grants)</li> <li>Expenditure:               <ul style="list-style-type: none"> <li>Personal expenditure (e.g. living expenses, personal tax, loan repayments)</li> <li>Business expenditure (e.g. taxes, salaries, running expenses)</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Patterns and Relationships</li> <li>Measurement</li> <li>Finance</li> </ul>
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"> <li>Ruler; Tape measure</li> <li>Scales; Trundle wheels</li> <li>Odometers</li> </ul>			Mass/weight <ul style="list-style-type: none"> <li>Bathroom-, Kitchen scales</li> <li>Electronic scales</li> </ul> Volume <ul style="list-style-type: none"> <li>Spoons; Cups</li> <li>Jugs; Bottles</li> <li>Buckets; Wheelbarrows</li> </ul> Temperature: Thermometer			Pay slips, Quotations, Invoices, Receipts, Travel allowance claim forms, Banking documents CAPS Aligned Textbooks Examination Guidelines Calculators				
Informal assessment; 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"> <li>VAT</li> <li> UIF</li> </ul> Exchange Rates <ul style="list-style-type: none"> <li>Compare two options</li> <li>performing calculations</li> <li>drawing and interpreting graphs</li> </ul>		Tariff System (4,6%): <ul style="list-style-type: none"> <li>Municipal tariffs</li> <li>Telephone tariffs</li> <li>Transport tariffs</li> <li>Bank fees</li> </ul>		Scales and Map (2,3% + 2,3%): <ul style="list-style-type: none"> <li>Scales               <ul style="list-style-type: none"> <li>Number scales</li> <li>Bar Scales</li> </ul> </li> <li>Maps (directions and point locations):               <ul style="list-style-type: none"> <li>Seating plans</li> <li>Lay out plan</li> <li>Street maps</li> <li>Road and rail maps (national/provincial)</li> <li>Residential maps etc.</li> </ul> </li> </ul>		Developing Questions (3,1%) <ul style="list-style-type: none"> <li>Collecting Data: populations and samples, data collection methods and instruments</li> <li>Classifying and organising data: Tallies and frequency tables</li> </ul>		Summarising data (3,1%): <ul style="list-style-type: none"> <li>Mean</li> <li>Median</li> <li>Mode</li> <li>Range</li> </ul>		Representing, Interpreting and Analysing Data (3,1%): <ul style="list-style-type: none"> <li>Multiple bar graphs</li> <li>Line and broken line graph</li> <li>Scatter plots</li> </ul>		Simple events (2,3%): <ul style="list-style-type: none"> <li>Outcome, event and probability scale (revision)</li> <li>Relative frequency</li> <li>Theoretical probability</li> </ul>		Compound Events : <ul style="list-style-type: none"> <li>Tree diagrams</li> <li>Two-way tables</li> </ul>		Finance <ul style="list-style-type: none"> <li>Maps, Plans and other representations</li> <li>Data Handling</li> <li>Probability</li> </ul>	
Page no. in CAPS	Page 58		Page 50		Page 73 - 78		Page 83		Page 84 - 85		Page 86 - 88		Page 91 - 94		Notes on or guidelines for mid-year examinations – Two Papers			
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			Coins and Dice <ul style="list-style-type: none"> <li>Games involving coins and dice</li> <li>Deck of cards</li> <li>Weather reports</li> </ul>		PAPER 1 75 MARKS: 1 HOUR 30 MINUTES		PAPER 2 75 MARKS: 1 HOUR 30 MINUTES		
Informal assessment; remediation	Short tests on income and expenditure		Short tests tariff system		Short tests on scales and maps								Total Marks = 150					
SBA (Formal Assessment)	ASSIGNMENT and MID-YEAR EXAMINATION																	

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	FINANCE				MAPS, PLANS & OTHER REPRESENTATIONS				Revision and Consolidation		
Concepts, skills and values	Income, Expenditures, Profit/Loss (4,1%): <ul style="list-style-type: none"><li>(Large organisations and fundraising projects)</li><li>A comparison of income/ expenditure/ profit values over two years</li><li>Budgets showing a comparison of projected vs actual, expenditure and profit/loss values</li></ul>	Cost Price & Selling Price (4,1%): <ul style="list-style-type: none"><li>-Cost of producing/ manufacturing</li><li>- Appropriate selling price</li><li>- Percentage profit</li></ul>	Break-even analysis (4,1%): <ul style="list-style-type: none"><li>(Determine break-even values from formulae and graphs)</li></ul>	Interest, Loans and Banking (4,5% + 4,5%): <ul style="list-style-type: none"><li>Interest (Calculate without the use of the formulae)</li><li>Loans</li><li>Investments</li><li>Bank accounts</li><li>Banking<ul style="list-style-type: none"><li>Savings account</li><li>Cheque/current account</li><li>Fixed deposit account</li><li>Credit and debit account</li><li>etc.</li></ul></li><li>Inflation<ul style="list-style-type: none"><li>Calculation</li><li>Rate of increase or decrease</li></ul></li></ul>	<ul style="list-style-type: none"><li>Building plans (Scale) (3,3% + 3,3%):<ul style="list-style-type: none"><li>Housing plans</li><li>Elevation plans</li><li>Design drawings</li></ul></li></ul>	<ul style="list-style-type: none"><li>Models (2,2% +2,2%):<ul style="list-style-type: none"><li>Packaging</li><li>Use actual cans and a range of actual boxes</li></ul></li></ul>	<ul style="list-style-type: none"><li>Finance</li><li>Data Handling</li><li>Measurements</li><li>Maps and Plans</li></ul>				
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 <ul style="list-style-type: none"><li>Saving accounts</li><li>Cheque accounts</li><li>Fixed deposits</li></ul> Credit accounts with credit card and debit account with debit card	Floor plans elevation and design: <ul style="list-style-type: none"><li>Rough &amp; scaled floor/layout plans showing a top view perspective</li><li>Maps</li></ul> CAPS Aligned Textbooks Examination Guidelines Calculators	CAPS aligned Textbooks Examination Guidelines Calculators	CAPS aligned Textbooks Examination Guidelines Calculators				
Informal assessment; 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%																	
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	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"><li>Follow instructions, e.g.<ul style="list-style-type: none"><li>Plugs</li><li>Plastic models</li><li>Unassembled wooden furniture</li><li>Cell phones</li><li>Electrical appliances</li><li>Children's toys</li></ul></li></ul>	<ul style="list-style-type: none"><li>Finance</li><li>Data Handling</li><li>Probability</li></ul>	<ul style="list-style-type: none"><li>Measurement</li><li>Maps, plans and other representations of the physical world.</li><li>Probability</li></ul>	<ul style="list-style-type: none"><li>Notes on or guidelines for final examinations: FINAL EXAMINATION (two papers)</li></ul>	<table border="1"><thead><tr><th>PAPER 1</th><th>PAPER 2</th></tr></thead><tbody><tr><td>100 MARKS: 2 HOURS</td><td>100 MARKS: 2 HOURS</td></tr><tr><td>Question 1: 20% (level 1)</td><td>Question 1 = 20% (level 1)</td></tr><tr><td>Question 2: Finance</td><td>Question 2: Maps and Plans</td></tr><tr><td>Question 3: Data Handling</td><td>Question 3: Measurements</td></tr><tr><td>Question 4 – 5:</td><td>Question 4 – 5:</td></tr><tr><td>Integration of Finance, Data Handling and Probability</td><td>Integration of Maps &amp; Plans and Measurements and Probability</td></tr></tbody></table>	PAPER 1	PAPER 2	100 MARKS: 2 HOURS	100 MARKS: 2 HOURS	Question 1: 20% (level 1)	Question 1 = 20% (level 1)	Question 2: Finance	Question 2: Maps and Plans	Question 3: Data Handling	Question 3: Measurements	Question 4 – 5:	Question 4 – 5:	Integration of Finance, Data Handling and Probability	Integration of Maps & Plans and Measurements and Probability					
PAPER 1	PAPER 2																							
100 MARKS: 2 HOURS	100 MARKS: 2 HOURS																							
Question 1: 20% (level 1)	Question 1 = 20% (level 1)																							
Question 2: Finance	Question 2: Maps and Plans																							
Question 3: Data Handling	Question 3: Measurements																							
Question 4 – 5:	Question 4 – 5:																							
Integration of Finance, Data Handling and Probability	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"><li>Calculators</li></ul>				CAPS aligned Textbooks Examination Guidelines Calculators																			
Informal assessment; remediation	Practical test on how to assemble a product				Worksheets and Mock Exams																			
SBA (Formal Assessment)	NO SBA TASK FOR TERM 4																							