



**KWAZULU-NATAL PROVINCE**

EDUCATION  
REPUBLIC OF SOUTH AFRICA

\_\_\_\_\_ DISTRICT

**MATHEMATICAL LITERACY  
ANNUAL TEACHING PLAN  
GRADE 11  
2025**

**NAME OF EDUCATOR:** \_\_\_\_\_

**NAME OF SCHOOL:** \_\_\_\_\_

- **NB: This ATP must be used together with the CAPS document.**
- **Daily Lesson plans should be based on ATP.**
- **Learners should be given at least FIVE activities per week (e.g., class/homework).**
- **Educators should administer INFORMAL TESTS for consolidation purposes.**
- **Tick the BULLET BOX after you complete teaching each skill.**

## GRADE 11 MATHEMATICAL LITERACY ANNUAL TEACHING PLAN (ATP) 2025

### TERM 1

TERM 1	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10 - 11						
CAPS Topic	PATTERNS AND RELATIONSHIPS			MEASUREMENTS			FINANCE:		REVISION AND COMMON TEST							
Concepts, skills and values	<ul style="list-style-type: none"> <li>• <b>Patterns and relationships:</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> Constant difference.</li> <li><input type="checkbox"/> Inverse proportion.</li> <li><input type="checkbox"/> Constant ratio between consecutive terms</li> <li><input type="checkbox"/> A combination of any two of the above</li> </ul> </li> <li>• <b>Representations (two relationships)</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> Equations/Formulae</li> <li><input type="checkbox"/> dependent and independent variables</li> <li><input type="checkbox"/> tables and graphs</li> </ul> </li> </ul>		<ul style="list-style-type: none"> <li>• <b>Working with two relationships:</b> Use formulae/equations, tables and graphs to:                             <ul style="list-style-type: none"> <li><input type="checkbox"/> compare different tariff systems,</li> <li><input type="checkbox"/> comparing different banking options, etc.</li> </ul> </li> </ul>		<ul style="list-style-type: none"> <li>• <b>Conversions:</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> Metric to Imperial</li> <li><input type="checkbox"/> Temperature (°C to °F and vice versa)</li> </ul> </li> <li>• <b>Time</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> Duration</li> <li><input type="checkbox"/> (Hours to minutes and vice versa)</li> </ul> </li> </ul>		<ul style="list-style-type: none"> <li>• <b>Conversions:</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> Equivalent/proportionality conversions: e.g., 5-litre paint covers 20m<sup>2</sup>; 1teaspoon = 5ml</li> </ul> </li> </ul>		<ul style="list-style-type: none"> <li>• <b>Measuring &amp; estimating:</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> Length</li> <li><input type="checkbox"/> Distance</li> <li><input type="checkbox"/> Mass/weight</li> <li><input type="checkbox"/> Volume</li> <li><input type="checkbox"/> Temperature</li> </ul> </li> </ul>		<ul style="list-style-type: none"> <li>• <b>Calculate:</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> Perimeter</li> <li><input type="checkbox"/> Area (Surface Area)</li> <li><input type="checkbox"/> Volume</li> </ul> </li> <li><b>Note:</b> Cost calculations may apply to the above sections</li> </ul>		<ul style="list-style-type: none"> <li>• <b>Financial documents</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> Terminology and calculations of the values on the documents</li> <li><input type="checkbox"/> Income (fixed/variable and occasional):                                     <ul style="list-style-type: none"> <li><input type="checkbox"/> Sources of income</li> <li><input type="checkbox"/> personal income (e.g. salaries, wages and commission)</li> <li><input type="checkbox"/> business income (e.g. sales, donations and grants)</li> </ul> </li> <li><input type="checkbox"/> Expenditure:                                     <ul style="list-style-type: none"> <li><input type="checkbox"/> Personal expenditure (e.g. living expenses, personal tax, loan repayments)</li> <li><input type="checkbox"/> Business expenditure (e.g. taxes, salaries, running expenses)</li> </ul> </li> </ul> </li> </ul>		<div style="background-color: #e6f2ff; padding: 2px;">One paper only: Summary of the paper.</div> <div style="background-color: #ffff00; padding: 2px;"><b>100 MARKS: 2 HOURS</b></div> <div style="padding: 2px;"> <b>Question 1: 20% (level 1)</b>  <b>Question 2: Finance</b>  <b>Question 3: Measurement</b>  <b>Question 4 – 5: Integration of Finance, Measurement and Probability</b> </div>	
Page no. in CAPS	Page 38 - 43		Page 44 -46		Page 63,70		Page 63,70		Page 64 - 69		Page 64 - 69		Page 49			
% Term Curriculum coverage	19.5%		31.7%		43.9%		56.1%		68.3%		92.7%		100%			
% Year Curriculum coverage	6.1%		10%		13.9%		17.8%		21.7%		29.5%		31.7%			
Anticipated Completion Date	24/01/2025		31/01/2025		07/02/2025		14/02/2025		21/02/2025		07/02/2025		14/03/2025			
Actual Date of completion																
DH signature and date																
Prerequisite 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			A short test on conversions and time			Worksheet on perimeter, area and volume			Short tests on financial documents						
SBA (Formal Assessment)	<b>INVESTIGATION and CONTROL TEST</b>															

**TERM 2**

TERM 2	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10 - 12					
<b>CAPS Topics</b>	<b>FINANCE</b>		<b>MAPS, PLANS &amp; OTHER REPRESENTATIONS</b>		<b>DATA HANDLING</b>			<b>PROBABILITY</b>		<b>REVISION AND CONTROL TEST</b>					
<b>Concepts, skills and values</b>	<ul style="list-style-type: none"> <li>• Taxation:                             <ul style="list-style-type: none"> <li><input type="checkbox"/> VAT</li> <li><input type="checkbox"/> UIF</li> </ul> </li> <li>• Exchange rates</li> </ul>	<ul style="list-style-type: none"> <li>• Tariff systems:                             <ul style="list-style-type: none"> <li><input type="checkbox"/> Municipal tariffs</li> <li><input type="checkbox"/> Telephone tariffs</li> <li><input type="checkbox"/> Transport tariffs</li> <li><input type="checkbox"/> Bank fees</li> </ul> </li> <li>Compare two options                             <ul style="list-style-type: none"> <li><input type="checkbox"/> performing calculations</li> <li><input type="checkbox"/> drawing and interpreting graphs</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Scales                             <ul style="list-style-type: none"> <li><input type="checkbox"/> Number scales</li> <li><input type="checkbox"/> Bar Scales</li> </ul> </li> <li>• Maps (directions and point locations):                             <ul style="list-style-type: none"> <li><input type="checkbox"/> Seating plans</li> <li><input type="checkbox"/> Lay out plan</li> <li><input type="checkbox"/> Street maps</li> <li><input type="checkbox"/> Road and rail maps (national/provincial)</li> <li><input type="checkbox"/> Residential maps, etc.</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Developing questions                             <ul style="list-style-type: none"> <li><input type="checkbox"/> Collecting Data:                                     <ul style="list-style-type: none"> <li>populations and samples, data collection methods and instruments</li> </ul> </li> <li><input type="checkbox"/> Classifying and organising data:                                     <ul style="list-style-type: none"> <li>Tallies and frequency tables</li> </ul> </li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Summarising data:                             <ul style="list-style-type: none"> <li><input type="checkbox"/> Mean</li> <li><input type="checkbox"/> Median</li> <li><input type="checkbox"/> Mode</li> <li><input type="checkbox"/> Range</li> </ul> </li> <li>Analyse data represented by the above averages</li> </ul>	<ul style="list-style-type: none"> <li>• Representing, interpreting and analysing data:                             <ul style="list-style-type: none"> <li><input type="checkbox"/> Multiple bar graphs</li> <li><input type="checkbox"/> Line and broken line graph</li> <li><input type="checkbox"/> Scatter plots</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Expressions of probability:                             <ul style="list-style-type: none"> <li><input type="checkbox"/> Outcome, event and probability scale (revision)</li> </ul> </li> <li>• Prediction                             <ul style="list-style-type: none"> <li><input type="checkbox"/> Relative frequency</li> <li><input type="checkbox"/> Theoretical probability</li> </ul> </li> <li>• Representations for determining possible outcomes:                             <ul style="list-style-type: none"> <li><input type="checkbox"/> Tree diagrams</li> <li><input type="checkbox"/> Two-way tables</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Finance</li> <li><input type="checkbox"/> Maps, Plans and other representations</li> <li><input type="checkbox"/> Data Handling</li> <li><input type="checkbox"/> Probability</li> </ul>							
<b>Page no. in CAPS</b>	Page 58	Page 50	Page 73 - 78	Page 83	Page 84 - 85	Page 86 - 88	Page 91 - 94	Mid-year examination (Two Papers): Summary of the differences between Paper 1 and Paper 2							
<b>% Term Curriculum coverage</b>	7.8%	28.8%	52.6%	65.8%	79%	92.2%	100%	<table border="1"> <thead> <tr> <th>PAPER 1</th> <th>PAPER 2</th> </tr> </thead> <tbody> <tr> <td><b>75 MARKS; 1½ HOUR</b></td> <td><b>75 MARKS; 1½ HOUR</b></td> </tr> <tr> <td>                     Question 1: 20% (level 1)                      Question 2: Finance                      Question 3: Data Handling                      Question 4 – 5: Integration of Finance and Data Handling Probability                 </td> <td>                     Question 1 = 20% (level 1)                      Question 2: Maps and Plans                      Question 3: Measurements                      Question 4 – 5: Integration of Maps &amp; Plans and Measurements Probability                 </td> </tr> </tbody> </table>		PAPER 1	PAPER 2	<b>75 MARKS; 1½ HOUR</b>	<b>75 MARKS; 1½ HOUR</b>	Question 1: 20% (level 1) Question 2: Finance Question 3: Data Handling Question 4 – 5: Integration of Finance and Data Handling Probability	Question 1 = 20% (level 1) Question 2: Maps and Plans Question 3: Measurements Question 4 – 5: Integration of Maps & Plans and Measurements Probability
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<b>% Year Curriculum coverage</b>	34%	40.2%	47.2%	51.1%	55%	58.9%	61.2%								
<b>Anticipated Completion Date</b>	11/04/2025	25/04/2025	09/05/2025	16/05/2025	23/05/2025	30/05/2025	06/06/2025								
<b>Actual Date of completion</b>															
<b>DH signature and Date</b>															
<b>Prerequisite knowledge</b>	Grade 10-content														
<b>Resources (other than textbook) to enhance learning</b>	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"> <li>• Coins and Dice</li> <li>• Games involving coins and dice</li> <li>• Deck of cards</li> <li>• Weather reports</li> </ul>						
<b>Informal assessment; remediation</b>	Short tests on income and expenditure	Short tests tariff system	Short tests on scales and maps												
<b>SBA (Formal Assessment)</b>	<b>ASSIGNMENT and MID-YEAR EXAM</b>														

**TERM 3**

TERM 3	Week 1:	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10 -11	
<b>CAPS Topics</b>				<b>FINANCE</b>		<b>MAPS, PLANS &amp; OTHER REPRESENTATIONS</b>			<b>REVISION &amp; COMMON TEST</b>		
<b>Concepts, skills and values</b>	<b>Income, expenditures, profit/loss:</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> (large organisations and fundraising projects)</li> <li><input type="checkbox"/> A comparison of income/ expenditure/ profit values over two years</li> <li><input type="checkbox"/> Budgets showing a comparison of projected vs actual, expenditure and profit/loss values</li> </ul>	<b>Cost price &amp; selling price:</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> -Cost of producing/ manufacturing</li> <li><input type="checkbox"/> Appropriate selling price</li> <li><input type="checkbox"/> Percentage profit</li> </ul>	<b>Break-even analysis:</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> (determine break-even values from formulae and graphs)</li> </ul>	<b>Interest, Loans and Banking:</b> <ul style="list-style-type: none"> <li>• Interest (Calculate without the use of the formulae)                             <ul style="list-style-type: none"> <li><input type="checkbox"/> Loans</li> <li><input type="checkbox"/> Investments</li> <li><input type="checkbox"/> Bank accounts</li> </ul> </li> <li>• Banking                             <ul style="list-style-type: none"> <li><input type="checkbox"/> Savings account</li> <li><input type="checkbox"/> Cheque/current account</li> <li><input type="checkbox"/> Fixed deposit account</li> <li><input type="checkbox"/> Credit and debit account</li> <li><input type="checkbox"/> etc.</li> </ul> </li> <li>• Inflation                             <ul style="list-style-type: none"> <li><input type="checkbox"/> Calculation</li> <li><input type="checkbox"/> Rate of increase or decrease</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• <b>Building plans (Scale):</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> Housing plans</li> <li><input type="checkbox"/> Elevation plans</li> <li><input type="checkbox"/> Design drawings</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• <b>Models:</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> Packaging</li> <li><input type="checkbox"/> Use actual cans and a range of actual boxes</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Finance</li> <li><input type="checkbox"/> Data Handling</li> <li><input type="checkbox"/> Measurements</li> <li><input type="checkbox"/> Maps and Plans</li> </ul>		<p>One paper only: Summary of the paper. <b>100 MARKS: 2 HOURS</b> Question 1: 20% (level 1) Question 2: Finance Question 3: Maps &amp; Plans Question 4 – 5: Integration of Finance and Maps &amp; Plans Probability</p>		
<b>Page no. in CAPS</b>	Page 52 - 53			CAPS: Page 54 – 60		CAPS: Page 73 - 78			CAPS: Page 79 -80		
<b>% Term Curriculum coverage</b>	21.9%			34.1%		57%			81.4%		100%
<b>% Year Curriculum coverage</b>	68.1%			72%		78.9%			86.7%		92.8%
<b>Anticipated Completion Date</b>	01/08/2025			08/08/2025		22/08/2025			05/09/2025		19/09/2025
<b>Actual Date of completion</b>											
<b>DH signature and Date</b>											
<b>Prerequisite knowledge</b>						Grade 10-content					
<b>Resources to enhance learning</b>	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 accounts with debit card		Floor plans elevation and design: <ul style="list-style-type: none"> <li>- Rough and 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	
<b>Informal assessment; remediation</b>	Short test on income/expenditure/profit/Loss/breakeven analysis					Short tests on scales and maps			A short test on models and Packaging		Worksheets and Mock Exams
<b>SBA (Formal Assessment)</b>	<b>ASSIGNMENT and CONTROL TEST</b>										

### TERM 4

TERM 4	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6– 9						
CAPS Topics	<b>MAPS, PLANS &amp; OTHER REPRESENTATIONS</b>	<b>REVISION AND CONSOLIDATION</b>				<b>END-OF-THE-YEAR EXAMINATION (two papers)</b>						
Concepts, skills and values	<ul style="list-style-type: none"> <li>Plans (Instruction/assembly diagrams):                             <ul style="list-style-type: none"> <li><input type="checkbox"/> Plugs</li> <li><input type="checkbox"/> Plastic models</li> <li><input type="checkbox"/> Unassembled wooden furniture</li> <li><input type="checkbox"/> Cell phones</li> <li><input type="checkbox"/> Electrical appliances</li> <li><input type="checkbox"/> Children's toys</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Finance</li> <li><input type="checkbox"/> Data Handling</li> <li><input type="checkbox"/> Probability</li> </ul>		<ul style="list-style-type: none"> <li><input type="checkbox"/> Measurement</li> <li><input type="checkbox"/> Maps, plans and other representations of the physical world.</li> <li><input type="checkbox"/> Probability</li> </ul>		Summary of the differences between Paper 1 and Paper 2 <table border="1" data-bbox="1843 495 2858 793"> <thead> <tr> <th>PAPER 1</th> <th>PAPER 2</th> </tr> </thead> <tbody> <tr> <td><b>100 MARKS: 2 HOURS</b></td> <td><b>100 MARKS: 2 HOURS</b></td> </tr> <tr> <td>                             Question 1: 20% (level 1)                              Question 2: Finance                              Question 3: Data Handling                              Question 4 – 5:                              Integration of Finance, Data Handling and Probability                         </td> <td>                             Question 1 = 20% (level 1)                              Question 2: Maps and Plans                              Question 3: Measurements                              Question 4 – 5:                              Integration of Maps &amp; Plans and Measurements and Probability                         </td> </tr> </tbody> </table>	PAPER 1	PAPER 2	<b>100 MARKS: 2 HOURS</b>	<b>100 MARKS: 2 HOURS</b>	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
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Page no. in CAPS	CAPS: Page 79 - 80											
% Term Curriculum coverage	100%											
% Year Curriculum coverage	100%											
Anticipated Completion Date	17/10/2025	31/10/2025		14/11/2025								
Actual Date of completion												
DH signature and Date												
Prerequisite knowledge	Grade 10 content											
Resources to enhance learning	CAPS aligned Textbooks Examination Guidelines Calculators				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											