

**GRADE 12 MATHEMATICAL LITERACY ANNUAL TEACHING PLAN (ATP) 2024  
TERM 1**

TERM 1	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10						
<b>CAPS Topic</b>	<b>FINANCE</b>				<b>DATA HANDLING</b>			<b>PROBABILITY</b>	<b>REVISION</b>	<b>Internal Examinations</b>						
<b>Concepts, skills, and values</b>	<b>Financial documents</b> <input type="checkbox"/> Tax Documents (e.g., tax rate tables, IRP5, employee income tax, etc.) <input type="checkbox"/> Loan Documents (e.g., bank statements/loan institutions showing changes on loan agreements, etc.) <b>Interest and Banking</b> <input type="checkbox"/> Hire Purchase/residual/balloon <input type="checkbox"/> Loans <input type="checkbox"/> Interest rate, interest, repayment <b>Banking</b> <input type="checkbox"/> Investments <input type="checkbox"/> Insurance Plans <input type="checkbox"/> (Interest, interest rate, charges, monthly payment)	<b>Taxation</b> <input type="checkbox"/> Personal income tax, <input type="checkbox"/> Taxable & non-taxable income, <input type="checkbox"/> Rebates <input type="checkbox"/> UIF (maximum amount) <input type="checkbox"/> VAT (15%)	<b>Tariff systems (Compare 2 or more)</b> <input type="checkbox"/> Electricity tariffs <input type="checkbox"/> Telephone tariffs <input type="checkbox"/> Municipal tariffs <input type="checkbox"/> Bank tariffs <input type="checkbox"/> Transport tariffs <input type="checkbox"/> Tables <input type="checkbox"/> Graphs <input type="checkbox"/> Formulae <b>Inflation</b> <input type="checkbox"/> Buying power over time <input type="checkbox"/> Prices of items over time <input type="checkbox"/> (Interpret and analyse graphs) <b>Exchange rates</b> <input type="checkbox"/> Currency relationships, buying power	<b>Income, Expenditures, Profit/Loss</b> (Large organisations and fundraising projects) <input type="checkbox"/> A comparison of income/expenditure/ profit values over two years <input type="checkbox"/> Budgets showing a comparison of projected vs actual, expenditure and profit/loss values <b>Cost Price &amp; Selling Price</b> <input type="checkbox"/> Cost of producing/manufacturing <input type="checkbox"/> Appropriate selling price <input type="checkbox"/> Percentage profit <input type="checkbox"/> Break-even analysis: <input type="checkbox"/> (determine break-even values from formulae and graphs)	<b>Developing questions</b> <input type="checkbox"/> National and global issues <input type="checkbox"/> Collecting data: <input type="checkbox"/> Develop and use data collection Instruments. (e.g. interview questions, questionnaires, recording sheets, etc.) <input type="checkbox"/> Classifying & Organising Data: <input type="checkbox"/> sort numerical and <input type="checkbox"/> categorical data <input type="checkbox"/> using categories <input type="checkbox"/> and class intervals Tallies and frequency tables	<b>Summarising data</b> <input type="checkbox"/> Quartiles <input type="checkbox"/> Inter-quartile range <input type="checkbox"/> Calculate and analyse measures of central <input type="checkbox"/> Tendency and spread. <input type="checkbox"/> Percentiles	<b>Representing, Interpreting and Analysing data:</b> <input type="checkbox"/> Bar graphs <input type="checkbox"/> Pie charts <input type="checkbox"/> Histograms, bar graphs <input type="checkbox"/> Line & broken line graphs <input type="checkbox"/> Scatter plots <input type="checkbox"/> Box and whisker plots	<b>Probability</b> <input type="checkbox"/> Probability of simple events <input type="checkbox"/> (dice/coin games, national lotteries, <input type="checkbox"/> Gambling, insurance risk assessment, etc.) <input type="checkbox"/> Relative frequency and theoretical probability <input type="checkbox"/> Compound events <input type="checkbox"/> Tree diagrams and two-way tables	<b>REVISION</b> <input type="checkbox"/> FINANCE <input type="checkbox"/> DATA HANDLING <input type="checkbox"/> PROBABILITY <input type="checkbox"/> INTEGRATION OF FINANCE, DATA HANDLING AND PROBABILITY	<table border="1"> <tr> <th>ONE PAPER</th> </tr> <tr> <td>100 MARKS: 2 HOURS</td> </tr> <tr> <td>Question 1: 20% (level 1)</td> </tr> <tr> <td>Question 2: Finance</td> </tr> <tr> <td>Question 3: Data Handling</td> </tr> <tr> <td>Question 4 – 5: Integration of Finance, Data Handling and Probability</td> </tr> </table>	ONE PAPER	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
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<b>PAGE NO. IN CAPS</b>	Page 49 – 50	Page 58 - 59	Page 50	Page 50 - 52	Page 52 – 53	Page 86 - 88		Page 91	Page 54- 57							
<b>% Term Curriculum coverage</b>	18,58%	30,32%	47,69%	59,4%	71,15%	82,64%	94,13%	100%	100%							
<b>% Year curriculum coverage</b>	9,6%	12,4%	27,6%	37,1%	41,8%	46,5%	49,5%	59,1%	59,1%							
<b>Anticipated Date of Completion.</b>	19/01/24	26/01/24	02/02/24	09/02/24	16/02/24	23/02/24	01/03/24	08/03/24	15/03/24							
<b>Actual date of Completion</b>																
<b>DH Signature and Date</b>																
<b>Prerequisite knowledge</b>	Grade 11-Content															
<b>Resources to enhance learning</b>	CAPS Document, CAPS Aligned Textbooks, Examination Guidelines, Mind the Gap, DBE Self-Study Guides, DBE Terminology Booklet															
<b>Informal assessment; remediation</b>	Short tests on tables, graphs and break-even	Short tests on personal tax	Short test on tariffs	Short tests on Income/Expenditure/Profit/Loss/Breakeven analysis				Short tests on data – Bar graphs, pie charts, histograms, line graphs, scatter plots and box and whisker diagrams								
<b>SBA (Formal Assessment)</b>	INVESTIGATION AND CONTROLLED TEST															

## TERM 2

TERM 2	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8 to 11						
CAPS Topic	MEASUREMENT				MAPS, PLANS & OTHER REPRESENTATIONS OF THE PHYSICAL WORLD		REVISION	Internal Examinations						
Concepts, skills and values	<b>Conversions</b> <input type="checkbox"/> Conversion factors and tables <input type="checkbox"/> Metric to imperial and vice versa <input type="checkbox"/> °C to °F and vice versa  <b>Time</b> <input type="checkbox"/> Timetables, Transport (Bus, Train, Taxi); Production e.g., building a house; Tide	<b>Perimeter and Area</b> <input type="checkbox"/> Length, distance, and time <input type="checkbox"/> Perimeter <input type="checkbox"/> Area  <b>Note:</b> Cost calculations may apply to the above sections	<b>Volume and Surface area</b> <input type="checkbox"/> Surface area <input type="checkbox"/> Volume <input type="checkbox"/> Rate (speed, costing, etc.) <input type="checkbox"/> Mass(weight)  <b>Note:</b> Cost calculations may apply to the above sections <b>BMI</b> <input type="checkbox"/> (Formulae for BMI = kg/m <sup>2</sup> ) <input type="checkbox"/> Interpreting charts	<b>Scale</b> <input type="checkbox"/> Scale (ratio, bar) <input type="checkbox"/> Determine actual lengths and distances from a given scale  <input type="checkbox"/> Determine a scale for drawings and/or models <input type="checkbox"/> Determine a scale in which to draw diagram or construct a model	<b>Maps</b> <input type="checkbox"/> Grid reference <input type="checkbox"/> Compass directions <input type="checkbox"/> Slope on map	<b>Finance</b> <input type="checkbox"/> Data Handling <input type="checkbox"/> Measurements <input type="checkbox"/> Scale and Maps	<b>Notes on or guidelines for mid-year examinations – Two Papers</b> <table border="1" style="width: 100%;"> <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)            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	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
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PAGE NO. IN CAPS	Page 63 & 70	Page 64; 68 - 69	Page 65 - 66, 68 - 69	Page 73	Page 74 - 75									
% Term Curriculum coverage	20,33%	47,29%	69,34%	80,44%	100%									
% Year curriculum coverage	60,9%	69,9%	78,3%	85,5%	91,6%									
Anticipated Date of completion	05/04/24	12/04/24	26/04/24	03/05/24	10/05/24	17/05/24								
Actual Date of completion														
DH Signature														
Prerequisite knowledge	Grade 11-Content													
Resources to enhance learning	CAPS Document, CAPS Aligned Textbooks, Examination Guidelines, Mind the Gap, DBE Self-Study Guides, DBE Terminology Booklet													
Informal assessment remediation	Worksheet on conversions	Short tests on area, volume and surface area and BMI			Worksheet on scale and maps									
SBA (Formal Assessment)	ASSIGNMENT AND JUNE EXAMINATION													



### TERM 3

TERM 3	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8 to 11						
<b>CAPS Topic</b>	<b>MAPS, PLANS &amp; OTHER REPRESENTATIONS OF THE PHYSICAL WORLD</b>					<b>REVISION</b>		<b>Preparatory Examinations</b>						
<b>Concepts, skills and values</b>	<b>Plans</b>			<b>Models</b>		<input type="checkbox"/> Finance <input type="checkbox"/> Data Handling <input type="checkbox"/> Probability	<input type="checkbox"/> Measurements <input type="checkbox"/> Maps and Plans <input type="checkbox"/> Probability	<b>Notes on or guidelines for Preparatory Examinations – Two Papers</b> <table border="1" data-bbox="2190 390 2914 653"> <thead> <tr> <th>PAPER 1</th> <th>PAPER 2</th> </tr> </thead> <tbody> <tr> <td><b>150 MARKS: 3 HOURS</b></td> <td><b>150 MARKS: 3 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>150 MARKS: 3 HOURS</b>	<b>150 MARKS: 3 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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<input type="checkbox"/> Diagrams (assembly instructions in manuals, etc.) <input type="checkbox"/> Plans (symbols and notation, terminology, <input type="checkbox"/> determine actual dimensions using a <input type="checkbox"/> given scale, determine a suitable scale <input type="checkbox"/> to draw a plan, draw 2D floor and elevation plans)	<input type="checkbox"/> Solving packaging problems <input type="checkbox"/> 3D scale models <input type="checkbox"/> 2D pictures <input type="checkbox"/> (item arrangement, estimate material quantities)													
<b>PAGE NO. IN CAPS</b>	Page 73 - 78			Page 79-80										
<b>% Term Curriculum coverage</b>	78,9%			100%										
<b>% Year curriculum coverage</b>	96,4%			100%										
<b>Anticipated date of completion.</b>	26/07/24			08/08/24		16/08/24	23/08/24							
<b>Actual Date of completion</b>														
<b>DH Signature</b>														
<b>Prerequisite knowledge</b>	Grade 11-Content													
<b>Resources to enhance learning</b>	CAPS Document, CAPS Aligned Textbooks, Examination Guidelines, Mind the Gap, DBE Self-Study Guides, DBE Terminology Booklet													
<b>Informal assessment remediation</b>	Worksheet on plans and models													
<b>SBA (Formal Assessment)</b>	<b>TEST AND PREPARATORY EXAMINATION</b>													



## TERM 4

TERM 4	Week 1	Week 2	Week 3	Week 4	Week 5 - 10						
CAPS Topic	<b>REVISION</b>				<b>FINAL EXAMINATION</b>						
Concepts, skills and values	<input type="checkbox"/> Finance <input type="checkbox"/> Data Handling <input type="checkbox"/> Measurements <input type="checkbox"/> Maps and Plans <input type="checkbox"/> Probability	<input type="checkbox"/> Finance <input type="checkbox"/> Data Handling <input type="checkbox"/> Measurements <input type="checkbox"/> Maps and Plans <input type="checkbox"/> Probability	<input type="checkbox"/> Finance <input type="checkbox"/> Data Handling <input type="checkbox"/> Measurements <input type="checkbox"/> Maps and Plans <input type="checkbox"/> Probability	<input type="checkbox"/> Finance <input type="checkbox"/> Data Handling <input type="checkbox"/> Measurements <input type="checkbox"/> Maps and Plans <input type="checkbox"/> Probability	<p><b>Notes on or guidelines for Final Examination – Two Papers</b></p> <table border="1"> <thead> <tr> <th>PAPER 1</th> <th>PAPER 2</th> </tr> </thead> <tbody> <tr> <td><b>150 MARKS: 3 HOURS</b></td> <td><b>150 MARKS: 3 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>150 MARKS: 3 HOURS</b>	<b>150 MARKS: 3 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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Anticipated Date of completion.	23/08/24	30/08/24	06/09/24	13/09/24							
Date of completion											
DH Signature											
Prerequisite knowledge	Grade 11-Content										
Resources to enhance learning	CAPS Document, CAPS Aligned Textbooks, Examination Guidelines, Mind the Gap, DBE Self-Study Guides, DBE Terminology Booklet										
Informal assessment; remediation	Revise Exemplar Papers and Previous NSC Question Papers										
SBA (Formal Assessment)	No SBA Task for Term 4										

