

MATHEMATICAL LITERACY - GRADE 11 - 2025

TOPIC	ASSESSMENT STANDARDS	PORTFOLIO ASSESSMENT TASKS
PHASE 1 (11 November 2024 – 7 March 2025)		
Data Handling	Organising data into frequency tables	
	Mean, median and mode	
	Range, quartiles	
	Pie charts, Histograms, Bar charts, Line graphs and Scatter plot graphs.	
Probability	Probability scale	
	Theoretical probability vs Relative frequency	
	Tree diagrams	
	Contingency tables	
Patterns and relationships	Different types of relationships	
	Equations, tables and graphs	
	Sketching and Interpreting of various graphs	
	Combination of 2 relationships	
	Link to break-even points	
Measurement	Conversions: length, area, volume, mass, temperature, metric to imperial	
	Measuring and estimating: length, distance, mass, volume, temperature	
	Perimeter and Area	
	Surface area and Volume	
Finance	Financial documents	
	Income and Expenses: Types, Statements and budgets, Cost and selling price, Break-even analysis	
PHASE 2 (10 March 2025 – 13 June 2025)		
Finance	Taxation, UIF, VAT	Task 3: Assignment 05 – 09 May
	Inflation and Exchange rates	
	Tariff systems: various real-life contexts	Task 4: June Exams 26 May – 13 June
	Interest: Simple and compound interest, Hire purchase, Loans and investments, Types of accounts	
PHASE 3 (17 June 2025 – 14 November 2025)		
Maps and Scales	Different types of scales: Number scale, Bar scale	Task 5: Assignment 11 – 15 Aug
	Finding unknown lengths and distances	
	Finding the scale of a given diagram	
	Grid reference and compass direction	Task 6: Controlled Test 03 – 16 Sep
	Floor plans, National and provincial maps, Strip maps.	
Models	Solving packaging	Task 7: End year exams 27 Oct – 14 Nov
	Problem solving	
	3D scale models	
	2D pictures	
	Item arrangement	