

MATHEMATICAL LITERACY - GRADE 12 - 2025

TOPIC	ASSESSMENT STANDARDS	PORTFOLIO ASSESSMENT TASKS
PHASE 1 (11 November 2024 – 7 March 2025)		
Data Handling	Organising data into frequency tables (grouped and ungrouped)	Task 1: Investigation 10 – 14 Feb
	Mean, median and mode	
	Range, quartiles, sketching and interpretation of box and whisker diagrams	
Conversions	Pie charts, Histograms, Bar charts, Line graphs and Scatter plot graphs.	
	Conversion factors: length, area, volume, mass, temperature	
Finance	Metric to imperial and vice versa	
	Financial documents	Task 2: Controlled Test 26 Feb – 11 Mar
	Interest: Simple interest, Hire purchase, Compound interest, Loans and investments	
	Taxation, UIF, VAT	
	Tariff systems: various real-life contexts	
	Inflation & exchange rates	
Income and Expenses: Statements and budgets, Cost and selling price, Break-even analysis		
PHASE 2 (10 March 2025 – 13 June 2025)		
Probability	Theoretical probability vs Relative frequency	Task 3: Assignment 05 – 09 May
	Compound events	
	Tree diagrams and contingency tables	
Measurement	Recap of converting measurements, timetables, transport, production, BMI	
	Perimeter and area	
	Surface area and volume	
Maps and Scales	Different types of scales: Number scale, Bar scale	Task 4: June Exam 26 May – 13 June
	Finding unknown lengths and distances	
	Finding the scale of a given diagram	
	Grid reference and compass direction	
	Floor plans, National and provincial maps, Strip maps	
PHASE 3 (17 June 2025 – 17 October 2025)		
Models	Solving packaging	Task 5: Assignment 04 – 08 Aug
	Problem solving	
	3D scale models	Task 6: Trials 01 – 19 Sep
	2D pictures	
	Item arrangement	
Revision	All topics over 4 – 6 weeks	