



KWAZULU-NATAL PROVINCE
EDUCATION
REPUBLIC OF SOUTH AFRICA

MATHEMATICAL LITERACY COMMON TESTING GUIDE & SCOPE – 2024

NB: This scope must be used in conjunction with CAPS; Abridged Section 4 amendments of CAPS; the 2024 ATP and the latest EXAM GUIDELINES.

TERM 1 - CONTROLLED TEST

GRADE	10
PAPER	One Paper
DURATION OF THE PAPER	1½ Hours
TOTAL MARKS	75 Marks

EXPECTED CURRICULUM COVERAGE/TOPICS/SECTIONS

TOPIC: NUMBERS AND CALCULATIONS WITH NUMBERS

- Number formats and conventions,
- Operations on whole numbers, decimals and fractions, calculator skills
- Rounding, ratio, rates, direct and indirect proportion and percentages

WEEKS 1 TO 4

TOPIC: PATTERNS, RELATIONSHIPS AND REPRESENTATIONS

- Patterns and relationships,
- Pattern and relationship representations
- Interpretation of tables and graphs
- Making sense of graphs that tell a story
- Write a story from a graph or draw a graph from a story

WEEKS 5 TO 7

TOPIC: DATA HANDLING

- Developing questions, collecting data, classifying and organizing data.
- Summarizing and analyzing data: mean, median, mode and range

WEEKS 8 TO 9

TERM 2 - MID-YEAR EXAMINATION

GRADE	10
PAPER	Two papers
DURATION OF THE PAPER	1 Hour each
TOTAL MARKS	50 Marks

EXPECTED CURRICULUM COVERAGE/TOPICS/SECTIONS

All topics completed in terms one and two are examinable

PAPER 1		PAPER 2	
Topics	Weightings	Topics	Weightings
Finance	60%	Maps, plans and other representations of the physical world	40%
Data Handling	35%	Measurement	55%

Probability	5%	Probability	5%
N.B. The policy caters for the variance of 5% for each topic except probability.			
<ul style="list-style-type: none"> Section in Finance: (Income, Expenditure, Profit/loss, Income and Expenditure statements, Budgets, Cost price and Selling price can be examined in Paper 2. 			
TOPIC: FINANCE			
<ul style="list-style-type: none"> Financial documents: Household bills, Shopping slips, Banking documents, household budget 		WEEKS 1 AND 2	
<ul style="list-style-type: none"> Terminology used in financial documents 			
<ul style="list-style-type: none"> Tariff systems: Municipal, Telephone, Transport and Bank fees 			
<ul style="list-style-type: none"> Calculate cost using tariff and /or formulae 			
<ul style="list-style-type: none"> Draw and interpret graphs of various tariff systems 			
TOPIC: MEASUREMENT			
Conversions and operations with numbers		WEEKS 3 AND 4	
Measuring and estimating			
<ul style="list-style-type: none"> Length 			
<ul style="list-style-type: none"> Distance 			
<ul style="list-style-type: none"> Weight/ Mass 			
<ul style="list-style-type: none"> Volume 			
<ul style="list-style-type: none"> Temperature 			
<ul style="list-style-type: none"> Time 			
<ul style="list-style-type: none"> Calculate costs of products and services 			
TOPIC: MAPS, PLANS AND OTHER REPRESENTATIONS OF THE PHYSICAL WORLD			
<ul style="list-style-type: none"> Scales 		WEEKS 5 TO 7	
<ul style="list-style-type: none"> Maps 			
PROBABILITY			
<ul style="list-style-type: none"> Expression of probability: Events and outcomes/results 		WEEKS 8 TO 9	
<ul style="list-style-type: none"> Prediction, Relative frequency & Theoretical probability of an event 			
<ul style="list-style-type: none"> Tree diagrams and Two-way tables 			
TERM 3 – CONTROLLED TEST			
GRADE		10	
PAPER		One Paper	
DURATION OF THE PAPER		1½ Hours	
TOTAL MARKS		75 Marks	
EXPECTED CURRICULUM COVERAGE/TOPICS/SECTIONS			
All topics assessed in terms 1 and 2 are examinable.			
TOPIC: FINANCE			
<ul style="list-style-type: none"> Income, expenditure, Profit/loss, Income-and-Expenditure statements and Budgets 			

<ul style="list-style-type: none"> • Interest • Taxation • Banking and Investments 	WEEKS 1 TO 5																						
TOPIC: MEASUREMENT																							
<ul style="list-style-type: none"> • Calculate: the Perimeter, Area and Volume of rectangles, triangles and circles using formulae 	WEEKS 6 to 7																						
<ul style="list-style-type: none"> • Calculate the Cost of products 																							
TOPIC: MAPS, PLANS AND OTHER REPRESENTATIONS OF THE PHYSICAL WORLD																							
<ul style="list-style-type: none"> • Floor plans and Design 	WEEKS 8 to 9																						
<ul style="list-style-type: none"> • Plans (Instructions/ Assembly diagrams) 																							
<ul style="list-style-type: none"> • Models 																							
TERM 4 - FINAL EXAMINATION																							
All topics assessed in Terms 1, 2 and 3 are examinable.																							
TOPIC: DATA HANDLING																							
<ul style="list-style-type: none"> • Representing Data 	WEEKS 1 to 2																						
<ul style="list-style-type: none"> • Analyze data represented in graphs 																							
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align: center;">PAPER 1</th> <th colspan="2" style="text-align: center;">PAPER 2</th> </tr> <tr> <th style="text-align: center;">Application topics</th> <th style="text-align: center;">Weighting</th> <th style="text-align: center;">Application topics</th> <th style="text-align: center;">Weighting</th> </tr> </thead> <tbody> <tr> <td> <ul style="list-style-type: none"> • Finance </td> <td style="text-align: center;">60%</td> <td> <ul style="list-style-type: none"> • Maps, plans and other representations of the physical world </td> <td style="text-align: center;">40%</td> </tr> <tr> <td> <ul style="list-style-type: none"> • Data Handling </td> <td style="text-align: center;">35%</td> <td> <ul style="list-style-type: none"> • Measurement </td> <td style="text-align: center;">55%</td> </tr> <tr> <td> <ul style="list-style-type: none"> • Probability </td> <td style="text-align: center;">5%</td> <td> <ul style="list-style-type: none"> • Probability </td> <td style="text-align: center;">5%</td> </tr> </tbody> </table>		PAPER 1		PAPER 2		Application topics	Weighting	Application topics	Weighting	<ul style="list-style-type: none"> • Finance 	60%	<ul style="list-style-type: none"> • Maps, plans and other representations of the physical world 	40%	<ul style="list-style-type: none"> • Data Handling 	35%	<ul style="list-style-type: none"> • Measurement 	55%	<ul style="list-style-type: none"> • Probability 	5%	<ul style="list-style-type: none"> • Probability 	5%	WEEKS 3 to 10	
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