



**MATHEMATICAL LITERACY**  
**COMMON TESTING GUIDE & SCOPE**

**2024**

**NB: This scope must be used with the CAPS, Abridged Section 4 amendments of CAPS, the 2024 RATP; & the Exam Guidelines (grade 12).**

**TERM 1- CONTROL TEST**

<b>GRADE</b>	<b>11</b>
<b>PAPER</b>	<b>One Paper</b>
<b>DURATION OF THE PAPER</b>	<b>2 hours</b>
<b>TOTAL MARKS</b>	<b>100 Marks</b>

**EXPECTED CURRICULUM COVERAGE: TOPICS/SECTIONS/CONTENT/SKILLS**

**TOPIC: PATTERNS AND RELATIONSHIPS**

- Constant difference (two relationships);
- Inverse proportion (two relationships);
- Constant ratio between consecutive terms;
- A combination of any two of the above.
- Representations (2 relationships)
- Equations/ Formulae;
- Dependent & Independent variables;
- Tables and Graphs
- Working with two relationships.  
Compare different tariff systems,  
Comparing different banking options, etc.

**WEEKS 1 to 3**

19

**TOPIC: MEASUREMENT**

- Conversions:  
Metric to Imperial  
Temperature ( $^{\circ}\text{C}$  to  $^{\circ}\text{F}$  and vice versa)

Time  
Duration  
Hours to minutes and vice versa

**WEEKS 4 to 5**

- Equivalent/ proportionality conversions.
- Measuring & estimating:  
Length, Distance, Mass/weight, Volume & Temperature.
- Calculate: Perimeter, Area, Volume. (cost calculations may apply)

**WEEKS 6 to 8**

**TOPIC: FINANCE**

Financial Documents

- Terminology and calculations of values on the document.
- Fixed, variable and occasional income values and fixed, variable, occasional, high-priority and low-priority expenditure values from Personal income/expenditure and Business income/expenditure

WEEKS 9

TERM 2 –MID-YEAR EXAMINATION

GRADE

11

PAPER

Two Papers

DURATION OF THE PAPER

1½ hours each

TOTAL MARKS

75 marks each

PAPER 1

PAPER 2

Application topics

Weighting

Application topics

Weighting

- Finance

60%

- Maps, plans and other representations of the physical world

40%

- Data Handling

35%

- Measurement

55%

- Probability

5%

- Probability

5%

NB: SECTION IN FINANCE THAT CAN BE EXAMINED IN PAPER 2

Income, Expenditure, Profit/loss, Income-and-Expenditure statements and Budgets, Cost price and Selling price (See Abridged Section 4 amendments).

2C

N.B. The policy caters for the variance of 5% for each topic except probability.

The topics and weightings are applicable for Final Examinations as well.

EXPECTED CURRICULUM COVERAGE/TOPICS/SECTIONS

All topics completed in Term 1 and Term 2 are examinable.

TOPIC : FINANCE

- Taxation – VAT & UIF
- Exchange Rates
- Tariff Systems
- Performing calculations; Drawing and interpreting of graphs

WEEKS 1 to 3

<b>TOPIC: MAPS, PLANS &amp; OTHER REPRESENTATIONS</b>	
<ul style="list-style-type: none"> <li>Scales: Number scales &amp; Bar Scales.</li> <li>Maps (directions and point locations): Elevation maps &amp; strip charts</li> </ul>	<b>WEEKS 4 to 5</b>
<b>TOPIC: DATA HANDLING</b>	
<ul style="list-style-type: none"> <li>Collecting Data</li> <li>Classify and organising data – tallies and frequency tables</li> <li>Summarising data</li> <li>Representing, interpreting and analysing data</li> </ul>	<b>WEEKS 5 to 8</b>
<b>TOPIC: PROBABILITY</b>	
<ul style="list-style-type: none"> <li>Simple Events</li> <li>Compound Events</li> </ul>	<b>WEEKS 9</b>
<b>TERM 3 – CONTROLLED TEST</b>	
<b>PAPER</b>	<b>One Paper</b>
<b>DURATION OF THE PAPER</b>	<b>2 hours</b>
<b>TOTAL MARKS</b>	<b>100 Marks</b>
<b>EXPECTED WORK COVERAGE.TOPICS</b>	
<b>All topics assessed in terms 1&amp; 2 are examinable.</b>	
<b>TOPIC: FINANCE</b>	
<ul style="list-style-type: none"> <li>Income, Expenditure, Profit/Loss</li> <li>Cost Price, Selling Price</li> <li>Break-even analysis</li> <li>Interest</li> <li>Loans</li> <li>Banking</li> <li>Investments</li> <li>Inflation</li> </ul>	<b>WEEKS 1 to 5</b>
<b>TOPIC: MAPS, PLANS AND OTHER REPRESENTATIONS OF THE PHYSICAL WORLD</b>	
<ul style="list-style-type: none"> <li>Building Plans</li> <li>Models</li> </ul>	<b>WEEKS 6 to 9</b>
<b>TERM 4 – FINAL EXAMINATION</b>	

All topics assessed in Term 1, 2 & 3 are examinable.

**TOPIC: MAPS, PLANS AND OTHER REPRESENTATIONS OF THE PHYSICAL WORLD**

**ASSEMBLING**

- Plugs
- Plastic models
- Unassembled wooden furniture
- Cell phones
- Electrical appliances
- Children's toys

**WEEK 1 TO 2**

PAPER 1		PAPER 2	
Application topics	Weighting	Application topics	Weighting
• Finance	60%	• Maps, plans and other representations of the physical world	40%
• Data Handling	35%	• Measurement	55%
• Probability	5%	• Probability	5%
		<b>NB: SECTION IN FINANCE THAT CAN BE EXAMINED IN PAPER 2</b>  Income, Expenditure, Profit/loss, Income-and-Expenditure statements and Budgets, Cost price and Selling price (See Abridged Section 4 amendments).	
<b>N.B. The policy caters for the variance of 5% for each topic except probability. The topics and weightings are applicable for Final Examinations as well.</b>			

**WEEKS 3 to 10**