



## MATHEMATICAL LITERACY COMMON TESTING GUIDE & SCOPE – 2021

**NB: This scope must be used in conjunction with CAPS; Abridged Section 4 amendments of CAPS; the 2021 Recovery ATP; & Examination Guidelines.**

### 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>
<b>EXPECTED CURRICULUM COVERAGE/TOPICS/SECTIONS</b>	
<b>TOPIC: MEASUREMENT</b>	
<ul style="list-style-type: none"> <li>• Conversions</li> </ul>	<b>WEEK 1 to WEEK 2</b>
<ul style="list-style-type: none"> <li>• Time</li> </ul>	
<ul style="list-style-type: none"> <li>• Equivalent/ proportionality conversions.</li> </ul>	
<b>TOPIC: PATTERNS AND RELATIONSHIPS</b>	
<ul style="list-style-type: none"> <li>• Constant difference (two relationships); Inverse proportion (two relationships); Constant ratio between consecutive terms; A combination of any two of the above.</li> </ul>	<b>WEEKS 3 to 5</b>
<ul style="list-style-type: none"> <li>• Representations of relationships in equations/ formulae; variables; tables and graphs (two relationships).</li> </ul>	
<ul style="list-style-type: none"> <li>• Draw and interpret/analyse two graphs on the same set of axes</li> </ul>	
<ul style="list-style-type: none"> <li>• Working with two relationships.</li> </ul>	
<b>TOPIC: FINANCIAL DOCUMENTS</b>	
<ul style="list-style-type: none"> <li>• Terminology and calculations of the values on the documents</li> </ul>	<b>WEEKS 6 &amp; 7</b>
<ul style="list-style-type: none"> <li>• Income</li> </ul>	
<ul style="list-style-type: none"> <li>• Expenditure.</li> </ul>	
<b>TOPIC: MAPS, PLANS &amp; OTHER REPRESENTATIONS</b>	
<ul style="list-style-type: none"> <li>• Scales: Number scales Bar Scales.</li> </ul>	<b>WEEKS 8 &amp; 9</b>
<ul style="list-style-type: none"> <li>• Maps (directions and point locations); Street maps; Road and rail maps (national/provincial) &amp; Residential maps.</li> </ul>	
<ul style="list-style-type: none"> <li>• Plans: Seating plans; Lay-out plans;</li> </ul>	

**TERM 2 - 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>
<b>EXPECTED CURRICULUM COVERAGE/TOPICS/SECTIONS</b>	
<b>Only topics completed in term 2 will be tested.</b>	
<b>TOPIC : FINANCE</b>	
<ul style="list-style-type: none"> <li>• Interest</li> </ul>	<b>WEEK 1 &amp; WEEK 2</b>
<ul style="list-style-type: none"> <li>• Banking</li> </ul>	
<ul style="list-style-type: none"> <li>• Inflation</li> </ul>	
<b>TOPIC: DATA HANDLING</b>	
<ul style="list-style-type: none"> <li>• Data collection</li> </ul>	<b>WEEK 3 to WEEK 5</b>
<ul style="list-style-type: none"> <li>• Classify and organise data</li> </ul>	
<ul style="list-style-type: none"> <li>• Displaying data</li> </ul>	
<ul style="list-style-type: none"> <li>• Summarising data:</li> </ul>	
<ul style="list-style-type: none"> <li>• Analyse data represented by the above averages</li> </ul>	
**Integrate probability	
<b>TOPIC: MEASUREMENT</b>	
<ul style="list-style-type: none"> <li>• Measuring &amp; estimating: Length; Distance; Mass/weight; Volume; &amp; Temperature.</li> </ul>	<b>WEEK 6 &amp; WEEK 7</b>
<ul style="list-style-type: none"> <li>• Calculate: Perimeter; Area; Volume.</li> </ul>	
**Integrate probability	
<b>TERM 3 - CONTROL 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 CURRICULUM COVERAGE/TOPICS/SECTIONS</b>	
<b>Only topics completed in Term 3 will be tested.</b>	
<b>TOPIC: FINANCE</b>	
<ul style="list-style-type: none"> <li>• Taxation</li> </ul>	<b>WEEK 2 WEEKS 5 &amp; 6</b>
<ul style="list-style-type: none"> <li>• Tariff systems</li> </ul>	
<ul style="list-style-type: none"> <li>• Bank fees</li> </ul>	
<b>TOPIC: MAPS, PLANS AND OTHER REPRESENTATION OF THE PHYSICAL WORLD</b>	
<ul style="list-style-type: none"> <li>• Scales (given and own scale)</li> </ul>	<b>WEEKS 3 &amp; 4</b>
<ul style="list-style-type: none"> <li>• Maps (directions and point locations): Elevation maps &amp; strip charts</li> </ul>	
<ul style="list-style-type: none"> <li>• Building Plans</li> </ul>	
<b>TOPIC: PROBABILITY</b>	
<ul style="list-style-type: none"> <li>• Expressions and Prediction of Probability</li> </ul>	<b>WEEKS 7 &amp; 8</b>
<ul style="list-style-type: none"> <li>• Simple event/s</li> </ul>	
<ul style="list-style-type: none"> <li>• Compound events</li> </ul>	
<b>NB: Term 4 will include: Cost price and selling price; percentage profit; inflation; exchange rates; break-even analysis; models, assembly instructions &amp; packaging; and all content covered in the curriculum from previous terms.</b>	<b>WEEKS 1 - 5</b>