

## MATHEMATICAL LITERACY - GRADE 12 2017

| TOPIC  | ASSESSMENT STANDARDS   | PORTFOLIO ASSESSMENT TASKS  |
|--|--|---|
| <b>PHASE 1 (7 November 2016 – 17 March 2017)</b>   |  |   |
| <b>Numbers and calculations in context</b>         | Percentages  | ☞ <b>Task 1</b><br>Dec Controlled Test<br>Dec 2016  |
|  | Proportion   |   |
|  | Ratio and rates  |   |
| <b>Patterns, relationships and representations</b> | Conversions  | ☞ <b>Task 2</b><br>Assignment: Financial aspects<br>6 – 10 Feb  |
|  | Conversion graphs  |   |
|  | Converting rate, time and temperature                                |   |
| <b>Finance</b>                                     | Finance documents, tariff systems                                    | ☞ <b>Task 3</b><br>March Exams<br>6 – 17 March  |
|  | Cost / selling price, profit / loss, income / expenditure statements |   |
|  | Budgets, break-even analysis   |   |
|  | Interest, hire-purchase, loans and investments                       |   |
|  | Inflation, taxation  |   |
| <b>PHASE 2 (22 March 2017 – 15 June 2017)</b>      |  |   |
| <b>Data handling</b>                               | Develop questions  | ☞ <b>Task 4</b><br>Investigation: Vehicle finance<br>22 Mar – 26 April                                  |
|  | Collecting data  |   |
|  | Classifying and organising data                                      |   |
|  | Summarising data   | ☞ <b>Task 5</b><br>Project: Data handling, planning and measurement<br>24 April – 26 May                |
|  | Representing data  |   |
|  | Analysing data   |   |
| <b>Measurement</b>                                 | Length and distance  | ☞ <b>Task 6</b><br>June Exams<br>5 – 15 June  |
|  | Mass (weight)  |   |
|  | Perimeter, area and volume   |   |
| <b>PHASE 3 (19 June 2017 – 20 October 2017)</b>    |  |   |
| <b>Maps, plans and other representations</b>       | Scale  | ☞ <b>Task 7</b><br>Rev Assignment: Data handling<br>19 – 23 June  |
|  | Maps and plans   |   |
|  | Models   |   |
| <b>Probability</b>                                 | Expressions  | ☞ <b>Task 8</b><br>Controlled Test<br>14 – 18 Aug<br>☞ <b>Task 9</b><br>Trials Exam<br>30 Aug – 15 Sept |
|  | Predictions  |   |
|  | Representations for determining possible outcomes                    |   |