**MATHEMATICAL LITERACY - GRADE 11 2021**

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| **TOPIC** | **ASSESSMENT STANDARDS** | **PORTFOLIO ASSESSMENT TASKS** |
| **PHASE 1 (23 November 2020 – 23 April 2021)** |
| **Numbers and calculations in context** | Estimation | **Task 1:** Assignment: Numbers, Patterns & relationships (Dept Task) **Task 2:** Controlled Test 12 – 23 April |
| Rounding off |
| Percentages |
| Proportion |
| Ratio and Rates |
| **Patterns, relationships and representations** | Representation of relationships in tables, equations and graphs. Limited to include: fixed, linear, inverse proportion, compound growth and other non-linear relationships |
| **PHASE 2 (3 May 2021 – 9 July 2021)** |
| **Finance** | Documents, tariff systems | **Task 3:** Assignment: Financial aspects & measurement (Dept Task) **Task 4:** June Controlled Tests 28 June – 9 July |
| Cost / selling price, income / expenses, profit / loss  |
| Budgets, break-even |
| Interest, hire purchase, banking, loans, investments |
| Inflation, taxation |
| Exchange rates |
| **Measurement** | Conversions: temperature, length and distance, mass (weight) |
| Perimeter, area, volume |
| Time |
| **PHASE 3 (26 July 2021 – 12 November 2021)** |
| **Maps, plans and other representations** | Scale | **Task 5:** Investigation: Data handling & probability (Dept Task) **Task 6:** Controlled Test: 13 – 17 Sept**Task 7:** October Exam25 Oct – 12 Nov |
| Maps and plans |
| Models |
| **Data handling (Revision)** | Develop questions |
| Collecting data |
| Classifying and organising data |
| Summarising data |
| Representing data |
| Analysing data |
| **Probability** | Expressions |
| Predictions |
| Representations for determining possible outcomes |