**MATHEMATICAL LITERACY - GRADE 11 - 2023**

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| **TOPIC** | **ASSESSMENT STANDARDS** | **PORTFOLIO ASSESSMENT TASKS** |
| **PHASE 1 (14 November 2022 – 10 March 2023)** | | |
| **Patterns**  **and**  **Relationships** | Identifying different types of relationships | **Task 1:** Control Test (A)  *Patterns & Conversions*  13 – 17 Feb  **Task 2:** Investigation  20 – 24 Feb  **Task 3:** Control Test (B)  *Measurement*  06 – 10 Mar |
| Equations, tables and graphs |
| Sketching & interpretation of various graphs |
| Combination of 2 relationships |
| Link to break-even points |
| **Measurement** | Conversions & time |
| Length, distance, mass & temperature |
| Imperial vs Metric |
| Perimeter and Area |
| Volume and Surface area |
| Application involving more than 1 concept |
| **Finance** | Financial Documents |
| VAT and UIF |
| Tariff systems (Phase 1 and 2) |
| **PHASE 2 (13 March 2023 – 23 June 2023)** | | |
| **Finance** | Income vs Expenses - Statements & Budgets | **Task 4:** Assignment  02 May – 05 May  **Task 5:** June Exams  05 Jun – 23 Jun |
| Cost & Selling price |
| Break even analysis |
| Simple & Compound interest |
| Types of investments & accounts |
| Banking |
| Inflation |
| **Maps & Plans** | Scales (Number and Bar) |
| Maps (Floor plans, National maps & Strips) |
| Models |
| **PHASE 3 (18 July 2023 – 10 November 2023)** | | |
| **Data Handling** | Organising data | **Task 6:** Control Test (A)  *Data Handling*  07 – 11 Aug  **Task 7:** Assignment  21 – 25 Aug  **Task 8:** Control Test (B)  *Probability*  04 – 08 Sept  **Task 9:** End year exams  23 Oct – 10 Nov |
| Calculations: Mean, Median, Mode, Range |
| Representing data: Bar graphs, Line graphs, Scatter Plot graphs |
| **Probability** | Theoretical vs Relative Frequency |
| Tree diagrams |
| Two-way tables |
| **Consolidation** | Finance |
| Measurement |
| Data Handling |
| Maps & Plans |
| Probability |