

**Grade 4**

**Revised 2023 – 2024 Mathematics**

**Annual Teaching Plan**

**&**

**Curriculum Coverage**

**Term 4 of 2023**

**GRADE 4 – TERM 4**

| **Prerequisite skill or pre-knowledge** | **TOPIC** | **CONCEPTS AND SKILLS** | **DATE COMPLETED** | **COMMENTS ON:**   * Feedback and Quality * Number of daily activities (Classwork, Homework & Informal tests) * Cognitive levels covered | **CURRICULUM COVERAGE** |
| --- | --- | --- | --- | --- | --- |
| * Solve problems in contexts involving length * Convert between   ‒ millimetres (mm) and centimetres (cm),  ‒ centimetres (cm) and metres (m)  ‒ metres (m) and kilometres (km)  • Counting in any interval | **PERIMETER AND AREA**  **(12 HOURS)** | **Lessons 1 – 4**   * **Perimeter**   Measure perimeter using rulers or measuring tapes | **DBE BK 2**  No.127  (pp.146&147) | . |  |
| **Lessons 5 – 12**   * **Measurement of area**   Find areas of regular and irregular shapes by counting squares on grids in order to develop an understanding of square units | **DBE BK 2**  No.128  (pp.148-151) |
| * Estimate, measure, compare, order and record the capacity of objects by measuring in litres, half litres and quarter litres using: * bottles with a capacity of 1 litre * a measuring jug with calibrated lines (litres, half litres and quarter litres). * measuring cups and teaspoons which indicate their capacity * Read pictures of products with their capacity written in order to sequence and order them. * Describe the volume on jugs where the volume is near to a numbered millilitre gradation line using almost/ nearly/ close to/ a bit more than/ more or less/ exactly the number of litres they read on the jug. | **CAPACITY/VOLUME**  **(6 HOURS)** | **Lessons 1 – 4**   * **Practical Measuring**   Estimate and practically measure 3-D objects using measuring instruments such as:   * measuring spoons * measuring cups, * measuring jugs * Record, compare and order capacity and volume of 3D objects in millilitres (ml) and litres (l) | **DBE BK 2**  No.130  (pp.152-157)  No.65-66b  (pp.2-7) |  |  |
| **Lessons 5 – 6**   * **Calculations and problem- solving** * Solve problems in contexts involving capacity/volume * Convert between millilitres and litres limited to examples with whole numbers and fractions | **DBE BK 2**  No.67a-68  (pp.8-13) |
|  |  |
| * Number sentences. * All operations with whole numbers and common fractions. | **USE ALL FOUR BASIC OPERATIONS TO SOLVE PROBLEMS IN CONTEXT**  **(12 HOURS)** | **Lesson 1 – 2**   * **NUMBER SENTENCES** * Write number sentences to describe problem situations | **DBE BK 1**  No. 6a – 6b  (pp.14 – 17)  No.29  (pp.84 – 85) |  |  |
| **Lesson 3 – 4**   * **SOLVING PROBLEMS**   Solve problems in contexts involving whole numbers and fractions, including:   * financial contexts | **DBE BK 2**  No. 75  (pp.26-27)  No.122  (pp.136-137)  No.97  (pp.76-77) |
| **Lesson 5 – 6**   * **SOLVING PROBLEMS**   Solve problems in contexts involving whole numbers and fractions, including:   * measurement contexts | **DBE BK 2**  No. 75  (pp.26-27)  No.122  (pp.136-137)  No.97  (pp.76-77) |
| **Lesson 7 – 8**   * **SOLVING PROBLEMS**   Solve problems in contexts involving whole numbers and fractions, including:   * fractions, including grouping and equal sharing | **DBE BK 2**  No. 75  (pp.26-27)  No.122  (pp.136-137)  No.97  (pp.76-77) |
| **Lesson 9 – 10**   * **SOLVING PROBLEMS**   Solve problems in contexts involving whole numbers and fractions, including:   * comparing two or more quantities of the same kind (ratio) | **DBE BK 2**  No. 75  (pp.26-27)  No.122  (pp.136-137)  No.97  (pp.76-77) |
| **Lesson 11 – 12**   * **SOLVING PROBLEMS**   Solve problems in contexts involving whole numbers and fractions, including:   * comparing two quantities of different kinds (rate) | **DBE BK 2**  No. 75  (pp.26-27)  No.122  (pp.136-137)  No.97  (pp.76-77) |
| REVISION  (12 HOURS) | | Revise ALL Term 3 and Term 4 topics and fundamental topics of Term 1 & 2 |  |  |  |
| **Assessment**  **(3 hours)** | | **FORMAL ASSESSMENT TASK: TEST**  Term 3 & 4 topics and fundamental topics of Term 1&2 |  |  |  |

**Comments:**

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**SIGNATURES:**

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| **DESIGNATION** | **OFFICIAL** | **TEACHER** | **DEPARTMENTAL HEAD** | **DATE** |
| **SURNAME & INITIALS** |  |  |  |  |
| **SIGNATURE** |  |  |  |  |

S**CHOOL STAMP**