**MATHEMATICS LESSON PLAN**

**GRADE 7**

**TERM 2: APRIL – JUNE**

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| **PROVINCE:** |  |
| **DISTRICT:** |  |
| **SCHOOL:** |  |
| **TEACHER’S NAME:** |  |
| **DATE:** |  |
| **DURATION**: | 1 Hour |

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| 1. **TOPIC: DECIMAL FRACTIONS:** Calculations using decimal fractions **(Lesson 2)** |

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| 1. **CONCEPTS & SKILLS TO BE ACHIEVED:**   **By the end of the lesson learners should know and be able to do:**   * Addition and subtraction of decimal fractions of at least two decimal places * Extend addition and subtraction of decimal fractions of at least three decimal places. |

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| 1. **RESOURCES:** | Sasol-Inzalo Book 1, DBE Workbook 1, textbook. |
| 1. **PRIOR KNOWLEDGE:** | Ordering, counting and comparing decimal fractions done in Grade 6 |
| 1. **REVIEW AND CORRECTION OF HOMEWORK** (suggested time: 10 minutes)   Homework provides an opportunity for teachers to track learners’ progress in the mastery of mathematics concepts and to identify the problematic areas which require immediate attention. Therefore it is recommended that you place more focus on addressing errors from learner responses that may later become misconceptions. | |
| 1. **INTRODUCTION** (Suggested time: 10 Minutes)   Revise the addition and subtraction of decimal fractions by using the following activities:  **Activity**  Complete the following table by adding to or subtracting from the number given in the first column   |  |  |  |  |  | | --- | --- | --- | --- | --- | | **Number** | **Add**  **0,2** | **Add**  **0,02** | **Subtract**  **0,1** | **Subtract**  **0,01** | | 10,12 |  |  |  |  | | 9,05 |  |  |  |  | | 125,321 |  |  |  |  | | |

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| 1. **LESSON PRESENTATION/DEVELOPMENT** (Suggested time: 20 minutes) | |
| **Teaching activities** | **Learning activities**  (Learners are expected to :) |
| **Activity (Groups)**  **Activity 1**  Fill in the missing number:   1. 30,5 + = 30,9 2. 725,13 + = 725,45 3. 5,203 - = 3,15 | * write down the solutions as group and present to the class |
| **Activity 2 ( Individually)**  Calculate the following by using any method:     |  | | --- | | Example: 1 Example: 2 Example:3  0,4 + 0,5 0,4 1,2 + 3,4  = + 0,5 = (1+ 3) + (0,2+ 0,4)  = 0,9 = 4 + 0,6  = = 4,6 |      1. 324,12 + 10,63 = 2. 900, 562 + 0,007= 3. 422,01 – 422,08 4. 0,938 - 0,643 = | * work out the solutions for all activity as individuals |
| 1. **CLASSWORK** (Suggested time: 15 minutes)   Sasol-Inzalo Book 1: page 193: No. 2 (e) – (i) | |
| 1. **CONSOLIDATION/CONCLUSION & HOMEWORK (Suggested time: 5 minutes)** | |
| 1. **Emphasise that**:  * When you add or subtract decimal fractions, you can change them to common fractions to make the calculation easier  1. **Homework:**   The primary purpose of Homework is to give each learner an opportunity to demonstrate mastery of mathematics skills taught in class. Therefore Homework should be purposeful and the principle of ‘Less is more’ is recommended, i.e. give learners few high quality activities that address variety of skills than many activities that do not enhance learners’ conceptual understanding.  Carefully select appropriate activities from the Sasol-Inzalo Books, DBE workbooks and/or textbooks for learners’ homework. The selected activities should address different cognitive levels.  **DBE workbook 1**  Page xxiv no. 5 ( a – d ) | |