**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: Division of decimal fractions**  **(Lesson 6)** |

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| 1. **CONCEPTS & SKILLS TO BE ACHIEVED:**   **By the end of the lesson learners should know and be able to:**   * Divide decimal fractions to at least three decimal places by whole numbers. |

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| 1. **RESOURCES:** | Sasol-Inzalo Book 1, DBE Workbook 1, textbook. Calculator. |
| 1. **PRIOR KNOWLEDGE:** | Division of 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)   **Activity**  Complete the following multiplication table.   |  |  |  |  | | --- | --- | --- | --- | |  | Divide by 10 | Divide by 100 | Divide by 1000 | | 5 |  |  |  | | 5,3 |  |  |  | | 0,5 |  |  |  | | 3,75 |  |  |  | | 45,5 |  |  |  | | |

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| 1. **LESSON PRESENTATION/DEVELOPMENT** (Suggested time: 20 minutes) | |
| **Teaching activities** | **Learning activities**  (Learners are expected to :) |
| **Activity 1**  Calculate: 2,25 ÷ 5  Solution: 45   |  |  | | --- | --- | | 5 | 225  -20 |   \_\_\_\_\_\_\_  25  -25  **\_\_\_\_\_\_\_\_\_**  0  225 ÷ 5 = 45  2,25 ÷ 5 = 0,45 (The dividend has two decimal places, the answer   must have two decimal places)  **Activity 2**  Worked out example:  9,3 ÷ 3  = ( 9 units + 3 tenths) ÷ 3  = ( 9 units ÷ 3) + (3tenths ÷3)  = 3units + 1tenths  =3,1  **Activity 3**  Calculate each of the following using any method and verify your answers by using a calculator.   1. 0,15 ÷ 5 b) 26,4 ÷ 2 c) 36,3 ÷ 3   **Activity 4**  Nancy buys 15 kg of bananas for R 99, 90. What is the cost of the bananas per kilogram? | * Estimate and calculate the solution * Work out the solutions for activities 3 and 4. |
| 1. **CLASSWORK** (Suggested time: 15 minutes)   Sasol Inzalo: Page 200 no,4(a – c); no 5(a – c ) and no 6 | |
| 1. **CONSOLIDATION/CONCLUSION & HOMEWORK (Suggested time: 5 minutes)** | |
| 1. **Emphasise that**:  * When we divide decimal fractions by whole numbers learners must first estimate the answer and place the decimal comma at a relevant position.  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 108, no 3( a –f )  Sasol Inzalo book 1 page 200, no 8 | |