**MATHEMATICS LESSON PLAN**

**GRADE 7**

**TERM 4: October – December**

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

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| 1. **TOPIC: DATA HANDLING:** Collect, organise and summarise (**Lesson 2**) 2. **CONCEPTS & SKILLS TO BE ACHIEVED** |
| **By the end of the lesson learners should know and be able to :**  Organise and summarise data |

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| 1. **RESOURCES:** | DBE work book 2, Sasol-Inzalo work book 2 , Textbook |
| 1. **PRIOR KNOWLEDGE:** | **KEYWORDS:**  Tally mark; tally table; frequency; recording; stem and leaf. |
| 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 : 5 minutes)**   Activity 1  The grade 7A learners scored the following marks in their 1st test which was out of 50 marks.  23;19; 22; 41; 39; 27; 31; 26; 44; 40; 18; 21; 33; 50; 42.   1. Complete the following table  |  |  | | --- | --- | | **Stem** | **Leaf** | | 0 |  | | 1 |  | | 2 |  | | 3 |  | | 4 |  | | 5 |  | | |

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| 1. **LESSON PRESENTATION/DEVELOPMENT** (Suggested time: 20 minutes) | |
| **Teaching activities** | **Learning activities**  **(Learners are expected to :)** |
| Activity 1  In a survey of group of Grade 8s to find out what shoe size do they wear, the following results were recorded:  3; 6; 7; 5; 6; 4; 3; 7; 4; 3; 4; 6; 5; 7; 7; 6; 7; 5; 6; 5; 3; 4; 6; 7; 4; 9; 8; 7; 3; 9; 7   1. Complete the following table  |  |  |  | | --- | --- | --- | | *Shoe size* | *Tally* | *Frequency* | | *3* |  |  | | *4* |  |  | | *5* |  |  | | *6* |  |  | | *7* |  |  | | *8* |  |  | | *9* |  |  | | |

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| 1. **CLASSWORK** (Suggested time: 20 minutes) |
| 1. The cricket team has had one of their bad days in 2015. The following figures are the run scores for Asheen Amla on one of their test match. Use a tally table to record his runs:   18; 23; 22; 8; 19; 17; 19; 10; 14   1. The people with different ages as indicated below visited Rand Easter Show, held in Johannesburg. Use the stem and leaf display to organise the data.   17; 24; 36; 34; 16; 38; 15; 36; 18; 35, 44; 29; 37; 55; 33; 23; 17; 40; 28; 13; 29; 29; 45 |
| 1. **CONSOLIDATION/CONCLUSION & HOMEWORK** (Suggested time: 5 minutes) 2. **Emphasise that**:   • Needs to be systematic/have a logical order  • Rows and columns  • Heading titles on rows/columns, including units (if appropriate)   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. |
| **HOME WORK**  DBE Work Book 2 page 143 no 2 and Sasol-Inzalo book 2 page 175-178 no 1-4 |