**LESSON DEVELOPMENT TWO**

**MEAN**

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| **STAGE/TIME** | **TEACHER’S ACTIVITIES** | **LEARNER'S ACTIVITIES – MIND/HANDS ON** | **LEARNING POINTS** |
| **Step 1**  **Introduction – Introductory Activities**  **(5 minutes)** | Guides and asks pupils –  1. Add all the marks together.  2. Count the number of marks.  3. Then, divide the total marks by numbers of marks.  Lets them know that the result is called ***MEAN***. | In eight tests, Michael received marks of: 6, 9, 8, 8, 5, 4, 6 and 2. Find his mean marks.  Total marks – 6 + 9 + 8 + 8 + 5 + 4 + 6 + 2 = 48.  There are 8 marks.  48/8 = 6  Mean marks = 6 marks. | Linking the Previous knowledge to the new lesson |
| **Step 2**  **Development**  **(5 minutes)**  **Grouping** | 1. **Groups** the learners into four groups – A, B, C, and D.  2. **Guide** the learners to choose a leader and secretary for your group.  3. **Gives** each group learning materials – chart showing different data. | 1. Belong to a group.  2. Choose their leader and secretary.  3. Received learning materials for their group. | Learner’s group, leader and secretary confirmed. |
| **Step 3**  **Development – Groups Activities**  **(5 minutes)** | Ask pupils the meaning of mean. |  | Mean |
| **Step 4**  **Development – Groups Activities**  **(10 minutes)** | **GUIDED INSTRUCTIONS**  1. Calculate their mean age.  2. Find the range, mode and median. | The ages of year 6 pupils who go to Mathematics club are 8, 9, 7, 9, 10, 7, 11, 8, 9, 10, 9 and 11. | Groups work |
| **Step 5**  **Development – Presentation**  **(10 minutes)** | Asks each group to present their results/solutions so that you can compare responses with those in other groups. | **Presentation – Call on any member of at least two pairs in each to make presentation to the class.** | Group Presentation |
| **Step 7**  **Conclusion**  **(5 minutes)** | To conclude the lesson, the teacher revises the entire lesson and ask the key questions.  **SUMMARY**  To find mean, we add up all values and divide by the number of values Mean  = sum of all values  number of values  Mean is also known as average. Sometimes, called average mean. | The learners listen, ask and answer questions.  **KEY QUESTIONS –**  In five successive weeks, a girl earned 263, 1 096, 2 700, 840 and 1 600. Find the mean weekly amount she earned. | Lesson Evaluation and Conclusion |

***Reference book – New Method Mathematics***