**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 = 6Mean 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 valuesMean 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***