**LESSON DEVELOPMENT ONE**

**PROPERTIES OF SQUARE**

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| **STAGE/TIME** | **TEACHER’S ACTIVITIES** | **LEARNER'S ACTIVITIES – MIND/HANDS ON** | **LEARNING POINTS** |
| **Step 1****Introduction** **(5 minutes)** | Introductory Activities – Drawing four sided shape. 1. Draw a line. 2. Draw another line from the starting or end of the first line. 3. Draw another line from other end. 4. Draw one more to join the four lines together. ***Note – Lets pupils know that the shape is called quadrilateral.***  | HANDS ON ACTIVITIES – 5. 4 lines. 6. A shape. | 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 – pencil, ruler, drawing book, chart of square.  | 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** **(5 minutes)** | Lets pupils know that there are different types of quadrilateral – square, rectangle, parallelogram, trapezium, rhombus and kite. They have similar properties but they are not the same. Ask pupils – 1. How many lines formed a quadrilateral? 2. How many corners?  | Listen to teacher’s explanation. 1. 4 lines. 2. 4 corners.   | Properties of Quadrilateral  |
| **Step 4****Development****(10 minutes)****Note for the pupils after the all activities, the shape is called a square.**  | Activities for the pupils – 1. How many lines formed this shape. 2. Measure each of the lines. 3. What do you observe? 4. How many corners the shape has?  |  | Properties of square  |
| **Step 5****Development****(10 minutes)** | Asks each group to present their results/solutions so that you can compare responses with those in other groups. | Presentation – 1. 4 lines.2. \_\_\_\_ cm each. 3. Equal lines 4. 4 corners.  | Group Presentation  |
| **Step 6****Conclusion****(5 minutes)** | To conclude the lesson, the teacher revises the entire lesson and ask the key questions. **KEY QUESTIONS –** 1. What is a square? 2. State 2 properties of a square. 3. Gives 2 examples of square shape.  | The learners listen, ask and answer questions.1. Square is a shape that has 4 equal lines.2. It has 4 lines. The lines are equal.3. Cube of sugar, clock and dice, etc.  | Lesson Evaluation and Conclusion  |

***Reference book – New Method Mathematics Book 4.***