**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.***