**LESSON DEVELOPMENT THREE**

**AREA OF RIGHT – ANGLE TRIANGLE**

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| **STAGE/TIME** | **TEACHER’S ACTIVITIES** | **LEARNER'S ACTIVITIES – MIND/HANDS ON** | **LEARNING POINTS** |
| **Step 1**  **Introduction**  **(5 minutes)** | Guides pupils to identify and describe areas of triangle in this rectangle – | This is a rectangle. It is made up of two right – angle triangle. The area of rectangle is length x breadth.  Area of right – angle triangle = length x breadth ÷ 2  That’s ½ base x height | Previous knowledge |
| **Step 2**  **Development**  **(5 minutes)**  **Grouping** | 1. Groups the pupils into four groups – A, B, C, and D.  2. Guide the pupils to choose a leader and secretary for your group.  3. Gives each group learning materials – | 1. Belong to a group.  2. Choose their leader and secretary.  3. Received learning materials for their group. | Pupil’s group, leader and secretary confirmed. |
| **Step 3**  **Development**  **(10 minutes)** | Lets the pupils find the areas of the following right – angle triangles – | Area of right – angle triangle = ½ b x h  1. A = ½ x 6 cm x 8 cm  = 3 cm x 8 cm  = 24 cm^2  2. A = ½ x 10 cm x 12 cm  = 5 cm x 12 cm  = 60 cm^2 | Area of triangle |
| **Step 4**  **Development**  **(10 minutes)** |  |  | Concept of right – angle triangle |
| **Step 5**  **Development**  **(10 minutes)** | **Assignment**  1. A rectangular classroom is 100 m long and 20 m wide. Find the area of right – angle triangles.  2. A square room has a side of length 18 m. Find the area of right – angle triangles. | Pupils take down work to do at home | Assignment |
| **Step 6**  **Conclusion/Evaluation**  **(5 minutes)** | To conclude the lesson, the teacher revises the entire lesson and links it to the next lesson, and asks the key questions. | Pupils listen, ask and answer questions. | Conclusion |