**LESSON DEVELOPMENT THREE**

**NETS OF PYRAMIDS**

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| **STAGE/TIME** | **TEACHER’S ACTIVITIES** | **LEARNER'S ACTIVITIES – MIND/HANDS ON** | **LEARNING POINTS** |
| **Step 1**  **Introduction**  **(5 minutes)** | **INTRODUCTORY ACTIVITIES –**  Gives 2 sample of different pyramids.  Asks pupils to compare and describe the different between the 2 pyramids. | **MIND ON ACTIVITIES –**    The first pyramid has triangular faces with square base while the second has triangular faces with triangular base. | 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 nets of pyramids. Nets sample of pyramids. | 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)** | **GENERAL ACTIVITIES** – Pupil’s Activities  Guides pupils to properly open the joints of these pyramids. | **HANDS ON ACTIVITIES** | Nets of triangular and square pyramids |
| **Step 4**  **Development**  **(10 minutes)** | **GROUPS ACTIVITIES – INSTRUCTIONS**  1. Make nets of triangular and square pyramids.  2. Cut the nets.  3. Fold the nets into triangular and square pyramids. | **GROUPS WORK** | Making of triangular and square pyramids |
| **Step 10**  **Development**  **(10 minutes)** | Asks each group to present their results/solutions so that you can compare responses with those in other groups. | Presentation | Group Presentation |
| **Step 6**  **Conclusion**  **(5 minutes)** | To conclude the lesson, the teacher revises the entire lesson and ask the key questions.  **SUMMARY –** A net is a two-dimensional figure that can be folded into a three-dimensional object.  **KEY QUESTIONS (ASSIGNMENT) –** Use the nets of these shapes you have made to answer questions 1 to 7.  1. A triangular-based pyramid has \_\_\_\_\_ triangular faces.  2. A triangular-based pyramid has \_\_\_\_\_ vertices.  3. A triangular-based pyramid has \_\_\_\_\_ edges.  4. A square-based pyramid has \_\_\_\_\_ square faces.  5. A square-based pyramid has \_\_\_\_\_ vertices.  7. A square-based pyramid has \_\_\_\_\_ edges. | The learners listen, ask and answer questions. | Lesson Evaluation and Conclusion |

***Reference book – New Method Mathematics Book 5.***