**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.***