**LESSON DEVELOPMENT TWO**

**NETS OF A CUBE AND CUBOID**

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| **STAGE/TIME** | **TEACHER’S ACTIVITIES** | **LEARNER'S ACTIVITIES – MIND/HANDS ON** | **LEARNING POINTS** |
| **Step 1**  **Introduction**  **(5 minutes)** | **INTRODUCTORY ACTIVITIES –**  Guides pupils to properly open the joints of these cartoons. | **MIND ON ACTIVITIES –** | 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 cube and cuboid. Nets sample of cube and cuboid. | 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 draw the nets of open cartoons of cube and cuboid. | **HANDS ON ACTIVITIES** | Nets of cube and cuboid |
| **Step 4**  **Development**  **(10 minutes)** | **GROUPS ACTIVITIES – INSTRUCTIONS**  1. Make nets of cube and cuboid.  2. Cut the nets.  3. Fold the nets into cube and cuboid. | **GROUPS WORK** | Making of cube and cuboid |
| **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 5.  1. A cube or cuboid has \_\_\_\_\_ number of faces.  2. A cube or cuboid has \_\_\_\_\_ number of vertices.  3. A cube or cuboid has \_\_\_\_\_ number of edges.  4. A cube has square or rectangular faces.  5. A cuboid has square or rectangular faces. | The learners listen, ask and answer questions. | Lesson Evaluation and Conclusion |

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

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