**LESSON DEVELOPMENT TWO**

**OPEN AND CLOSED SHAPES**

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| **STAGE/TIME** | **TEACHER’S ACTIVITIES** | **LEARNER'S ACTIVITIES – MIND/HANDS ON** | **LEARNING POINTS** |
| **Step 1****Introduction – Introductory Activities** **(5 minutes)** | Asks the pupils to identify the names of the following items according to the ground they belong – cube, cuboid, cylinder and sphere  |  | 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 – real objects (milo tin with and without cover, 2 cartoons each for cube and cuboid that can be covered and can’t be covered.  | 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 – Groups Activities** **(10 minutes)** | Asks them to study each of the two similar solid objects, compare and state their difference. |  | Open and closed shapes  |
| **Step 4****Development – Groups Activities and Presentation** **(15 minutes)** | ***Presentation***  | 1. Open object do not have a cover at the top. The inside of an open object can be seen, because it has no cover or top face. 2. The inside of a close object cannot be seen because of the cover or top face. | Groups Presentation  |
| **Step 5****Development****(5 minutes)**  | To conclude the lesson, the teacher revises the entire lesson and ask the key questions.  | The learners listen, ask and answer questions.**KEY QUESTIONS**Give 5 examples each for solid open and closed shapes in their environment. | Lesson Evaluation and Conclusion  |

***Reference book – New Method Mathematics Book 1***

**Instructional Materials**



