**LESSON DEVELOPMENT THREE**

**SHAPE CONSTRUCTION METHODS – FOLDING AND BENDING**

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| **STAGE/TIME** | **TEACHER’S ACTIVITIES** | **LEARNER'S ACTIVITIES – MIND/HANDS ON** | **LEARNING POINTS** |
| **Step 1****Introduction** **(5 minutes)** | **INTRODUCTORY ACTIVITIES –** Asks pupils to identify the following shapes.  | **MIND ON ACTIVITIES** A cylinderA boat | 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 – Sample of shape construction (fold and bend) and materials needed for shape construction.  | 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)**  | Asks pupils to describe how these shapes are constructed. After description, tells them that folding and bending are methods of shape construction.  | The cylinder shape is constructed by bending while the boat is constructed by folding. | Shape construction methods – folding and bending  |
| **Step 4****Development** **(10 minutes)** | **GROUP ACTIVITIES – GUIDED INSTRUCTIONS** Guides and asks pupils to construct both cylinder and boat.  | **HANDS ON ACTIVITIES** | Construction of cylinder and boat  |
| **Step 5****Development****(15 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 –** Shapes can be constructed using the following methods – folding and bending methods. Other methods are cutting and joining. The various materials used in shape construction will determine the type of method that will be used. | The learners listen, ask and answer questions.***KEY QUESTIONS (ASSIGNMENT) –*** List 10 shapes that can be constructed by folding and bending methods. 1. Cube 6. Cone2. Cuboid 7. Bird3. Cylinder 8. Car4. Boat 9. House 5. Funnel 10. Touch light  | Lesson Evaluation and Conclusion  |

***Reference book – Primary 4 Basic Science & Technology***