**LESSON DEVELOPMENT TWO**

**PLANE SHAPES – A CIRCLE**

**CHORD, MINOR AND MAJOR SEGMENT**

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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 the pupils to draw with a diameter and radius.  | **HANDS 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 – cardboard, scissor and drawing materials.  | 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 – INSTRUCTIONS** 1. Draw 2 circles on a cardboard. 2. Cut out the 2 circles. 3. Fold and cut one circles into two (not equal parts). 4. Trace the line on the second circle not cut. 5. Compare your results with this chart.  | **HANDS ON ACTIVITIES*****Note for the pupils –*** *The line on the circle is called a chord or line of segment.* | Part of circle – a chord and segment (minor and major)  |
| **Step 4****Development****(10 minutes)** | **GROUPS ACTIVITIES – INSTRUCTIONS** 1. Differentiate between diameter and chord. 2. Differentiate between minor and major segment.  | **GROUPS WORK** Diameter divides a circle into 2 equal parts while a chord also divide a circle but not into equal parts.2. The different between minor and major segment – minor segment is the small part of the circle divided by chord while major segment is the large part of the circle after the small one. | Identification of chord and segment.  |
| **Step 5****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 **chord** is a line segment joining two points on the circumference. Minor and major **segment** are both parts of the circle divided by a chord.  | The learners listen, ask and answer questions. | Lesson Evaluation and Conclusion  |

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