**LESSON DEVELOPMENT TWO**

**LEAST COMMON MULTIPLE**

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| **STAGE/TIME** | **TEACHER’S ACTIVITIES** | **LEARNER'S ACTIVITIES – MIND/HANDS ON** | **LEARNING POINTS** |
| **Step 1**  **Introduction**  **(10 minutes)** | * **Find the common multiple of:**  1. 4 and 6 2. 3 and 6  * What is the smallest number of the common multiple? * Introduction the topic – LCM | 1. Multiple 4 and 6 are -  * 4 = 4, 8, **12**, 16, 20, **24**,… * 6 = 6, **12**, 18, **24**, 30, 36,…   Common multiple are 12 and 24.   1. Multiple of 3 and 6 are g  * 3 = 3, **6**, 9, **12**, 15, **18**, 21, **24**,… * 6 = **6**, **12**, **18**, **24**, 30, 36,…   Common multiple are 6, 12, 18, and 24.   1. 12 is the smallest of 12 and 24. 2. 6 is the smallest of 6, 12, 18 and 24. | Previous knowledge and Lesson Introduction |
| **Step 2**  **Development**  **(5 minutes)** | 1. Groups the pupils into four groups – A, B, C, and D. 2. Guide the pupils to choose a leader and secretary for your group. 3. Gives each group learning materials. | 1. Belong to a group.  2. Choose their leader and secretary.  3. Received learning materials for their group. | Pupil’s group, leader and secretary confirmed. |
| **Step 3**  **Development**  **(15 minutes)** | * LCM stands for least common multiple. * Lets pupils to understand that least means lowest or smaller number of common factors. * Guides the pupils to find the LCM of:  1. 2 and 3 2. 2 and 4 | 1. Multiple of:  * 2 = 2, 4, **6**, 8, 10, **12**, 14,… * 3 = 3, **6**, 9, **12**, 15, 18, 21, 24,…   Common multiple are 6 and 12.  LCM of 6 and 12 is 6.   1. Multiple of:  * 2 = 2, **4**, ,6 **8**, 10, **12**, 14,… * 4 = **4**, **8**, **12**, 16, 20, 24,…   Common multiple are 4, 6, 12.  LCM of 2 and 4 is 4. | Least Common multiple of numbers |
| **Step 4**  **Development**  **(5 minutes)** | **ASSIGNMENT – Find the LCM of:**   1. 4 and 6 2. 3 and 6 | Assignment taken. | Assignment |
| **Step 5**  **(5 minutes)** | **CONCLUSION**  To conclude the lesson for the week, the teacher revises (through questions and answers) the entire lesson and links it to the next lesson. | Listen, ask and answer questions. | Conclusion |