**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  |