**LESSON DEVELOPMENT THREE**

**MULTIPLICATION OF FRACTIONS**

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| **STAGE/TIME** | **TEACHER’S ACTIVITIES** | **LEARNER'S ACTIVITIES – MIND/HANDS ON** | **LEARNING POINTS** |
| **Step 1**  **Introduction**  **(5 minutes)** | Ask the pupils to change the following mixed numbers to improper fractions.  1 2/3  4 5/7  Teacher’s remark – We can multiply fraction by fraction(s), whole number or decimal. Today’s lesson, we will be multiplying fraction by fraction or whole number. | 1 2/3  = (1 x 3 + 2)/3  = (3 + 2)/2  = 5/2  4 5/7  = (4 x 7 + 5)/7  = (28 + 5)/7  = 33/7 | 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 – multiplication tables. | 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**  **(15 minutes)** | To multiply a fraction by another fraction, for example, 3/4 x 5/6 and 1 3/5 x 2 7/15  1. Simplify the fractions (if it is mixed numbers, change mixed numbers to improper fractions).  2. Multiply the numerators of the fractions to get the new numerator.  3. Multiply the denominators of the fractions to get the new denominator.  4. Simplify the resulting fraction if possible. | Follow the teacher’s instructions to 3/4 x 5/6  = (3 x 5) x (4 x 6)  = (1 x 5) x (4 x 2)  = 5/8  1 3/5 x 2 2/3  1 3/5 = (1 x 5 + 2)/5  = 8/5  2 7/15  = (2 x 3 + 2)/3  = 8/3  Therefore, 1 3/5 x 2 2/3  = 8/5 x 8/3  = (8 x 8)/(5 x 3)  = 36/15  = 2 6/15 | Multiplication of fractions |
| **Step 4**  **Development**  **(5 minutes)** | Wrap up individual work within their group. | Groups work. | Groups Evaluation |
| **Step 5**  **Development**  **(5 minutes)** | Asks each group to present their answers so that you can compare responses with those of other groups.  Call on one or two groups for presentation. | Presentation | Presentation |
| **Step 6**  **Conclusion**  **(5 minutes)** | To conclude the lesson, the teacher revises the entire lesson and ask the key questions. | The learners listen, ask and answer questions. | Lesson Conclusion |