**LESSON DEVELOPMENT FOUR**

**ADDITION AND SUBTRACTION OF FRACTIONS WITH THE SAME DENOMINATORS**

|  |  |  |  |
| --- | --- | --- | --- |
| **STAGE/TIME** | **TEACHER’S ACTIVITIES** | **LEARNER'S ACTIVITIES – MIND/HANDS ON** | **LEARNING POINTS** |
| **Step 1**  **Introduction**  **(5 minutes)** | Ask pupils to perform basic addition on the following whole numbers –  5 + 7 =  8 + 6 =  3 + 9 =  Teacher’s remark – Just as we add one whole number to another, we can add fractions together as well. | Expected response  5 + 7 = 12  8 + 6 =14  3 + 9 =12  Listen to the teacher’s remark and lesson introduction. | 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 – | 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 A**  **Development**  **(5 minutes)** | Ask pupils to identify different parts of a fraction. The numerator, fraction bar and denominator. |  | Identification of fractional parts |
| **Step 3 B**  **Development**  **(5 minutes)** | Guide the pupils to add the numerators of all fractions with the same denominators –  Add  1. 2/7 and 3/7  2. 5/8 and 2/8 | 1/7 + 3/7  = (1 + 3)/7  = 4/7  5/8 + 2/8  = (5 + 2)/8  = 7/8 | Addition of fractions |
| **Step 4**  **Development**  **(10 minutes)** | 1. 5/11 + 4/11  2. 4/9 + 3/9  3. 5/12 + 1/12  4. 5/12 + 7/12 | Groups discussion | Groups work |
| **Step 5**  **Development**  **(5 minutes)** | Asks each group to present their answers so that you can compare responses with those in other groups.  Call two or more representatives 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 Evaluation and Conclusion |