**LESSON DEVELOPMENT THREE**

**MIXED OPERATIONS OF ADDITION AND SUBTRACTION OF WHOLE NUMBERS OF THREE OR MORE ITEMS**

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| **STAGE/TIME** | **TEACHER’S ACTIVITIES** | **LEARNER'S ACTIVITIES – MIND/HANDS ON** | **LEARNING POINTS** |
| **Step 1**  **Introduction**  **(5 minutes)** | Ask pupils questions on basic addition –  15 – 5 + 2 =  7 + 5 – 8 =  Make the questions more challenging and guide them through –  132 – 100 + 123 | 15 – 5 = 10 + 2 = 12  7 + 5 = 12 – 8 = 4  Follow the teacher’s guidelines as he/she introduce the new lesson. | 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 – counters | 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)** | Guide the pupils to add – 9861 – 1430 + 5284.  1. Rearrange as follow 9861 + 5284 – 1430.  2. Do addition first.  3. Subtract 1 440 from 15 145.  Note – engage the pupils in simplest form of subtracting. If possible, counting. | |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | **Th** | **H** | **T** | **U** | |  | 1+9  10 | 1+8  9 | 6 | 1 | | + | 5 | 2 | 8 | 4 | | **1** | **15**  **5-1**  **4** | **11**  **10+1**  **10** | **14**  **4** | **5** | | – | 1 | 4 | 3 | 0 | | **1** | **3** | **6** | **1** | **5** |   **Therefore, 9861 + 5284 – 1430 = 13 615.** | Addition and Subtraction of Whole Numbers |
| **Step 4**  **Development**  **(10 minutes)** | Arrange the following numbers vertically and add –  1. 7206 – 2908 + 1615  2. 4411 + 3012 – 2170 | Individual work | Evaluation |
| **Step 4**  **Development**  **(5 minutes)** | Wrap up individual work within their group. | Groups work. | Groups Evaluation |
| **Step 5**  **Development**  **(10 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 |