**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 = 127 + 5 = 12 – 8 = 4Follow 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.  |

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|  | **Th** | **H** | **T** | **U** |
|  | 1+910 | 1+89 | 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  |