## FIRST TERM WEEKLY LESSON NOTES WEEK I

| Week Ending: 06-10-2023 |  | DAY: |  | Subject: Mathematics |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Duration: 60MINS |  |  |  | Strand: Number |  |
| Class: B9 |  | Class Size: |  | Sub Strand: Number and Numeration System |  |
| Content Standard: <br> B9.I.I.I Apply the understanding of place value in solving real life problems involving integers of any size, rounding this to given decimal places and significant figures |  |  | Indicator: <br> B9.I.I.I.I Express integers to a given number of significant and decimal places |  | Lesson: <br> I of I |
| Performance Indicator: <br> Learners can express integers to a given number of significant and decimal places |  |  |  | Core Competencies: <br> Communication and Collaboration (CC) Critical Thinking and Problem solving (CP) |  |
| References: Mathematics Curriculum Pg. 165 |  |  |  |  |  |
| New words: Integers, Significant figures, Decimal places, Precision |  |  |  |  |  |
| Phase/Duration Learners Activities <br> PHASE I: Present students with a real-world scenario: "Imagine you're a <br> scientist measuring the length of a newly discovered insect, and you <br> need to be very precise. How would you ensure your measurements <br> are both accurate and precise?" <br>  Allow students to discuss. <br>  Share performance indicators and introduce the lesson. |  |  |  |  | Resources |
|  |  |  |  |  |  |
| PHASE 2: NEW LEARNING | Introduc <br> Work th integers E.g.I. Ex <br> (i) 857,38 significan <br> (i) To Five Look at th Since the (3) by I. Result: 85 <br> (ii) To Four Look at th Since the (7) by I. Result: 85 <br> (iii) To Thr | concept of sis <br> a series of set number of integers to a -five signific res. <br> icant Figures: 6 digits of the igit (8) is greate <br> ,000 <br> ficant Figures: <br> 5 digits of the <br> git (8) is greate <br> ,000 <br> nificant Figures: | ifica <br> mpl ignifi umb t figu <br> ber: han <br> ber: an or | ures. <br> monstrating how to express figures. <br> significant figures. <br> -four significant figures -three <br> 386 <br> al to 5, we round up the fifth digit <br> 38 <br> to 5, we round up the fourth digit | Counters, bundle and loose straws base ten cut square, Bundle of sticks |



|  | 4. Given the number: 4321.0987 <br> (i) Write it correct to: <br> - three decimal places <br> - two decimal places <br> - one decimal place |  |
| :--- | :--- | :--- |
| PHASE 3: | Use peer discussion and effective questioning to find out from <br> REFLECTION <br> learners what they have learnt during the lesson. <br> Take feedback from learners and summarize the lesson. |  |


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| Class: B9 |  | Class Size: |  | Sub Strand: Number and Numeration System |  |
| Content Standard: <br> B9.I.I.I Apply the understanding of place value in solving real life problems involving integers of any size, rounding this to given decimal places and significant figures |  |  | Indicator: <br> B9.I.I.I.2. Use knowledge and understanding of place value to solve real life problems |  | Lesson: <br> I of I |
| Performance Indicator: <br> Learners can understand of place value to solve real life problems |  |  |  | Core Competencies: <br> Communication and Collaboration (CC) Critical Thinking and Problem solving (CP) |  |
| References: Mathematics Curriculum Pg. 165 |  |  |  |  |  |
| New words: Place Value, Standard Form, Real-life Problem, Decimal Point |  |  |  |  |  |
| Phase/Duration Learners Activities Resources |  |  |  |  |  |
| PHASE I: <br> STARTER | Begin with a relatable scenario: <br> "Imagine you're collecting recyclable bottles for a school fundraiser. Each class has a different number of bottles, and you need to total them. <br> How would you do that? Think about the place values when adding the numbers." Allow students to briefly discuss. <br> Share performance indicators and introduce the lesson. |  |  |  |  |
| PHASE 2: NEW LEARNING | Divide stud each con with item <br> Instruct mathema solve. <br> After for scenario <br> E.g.I. (I) digit, but multiple third dig digit. Ho What nu <br> Solution <br> Let the 6-d <br> I. "My firs $A=F+$ <br> 2. "My sec B $=3$ * <br> 3. "My fou D $=3$ * | ts into small groups g a unique real-life situ ts, trip planning with <br> group to analyze the problem that requir <br> ting their problems, another group to s <br> a 6-digit number. My s than my second digit while my fourth digit he quotient when the $r$, my fourth and fifth am I? <br> umber be represented as <br> is 5 more than the last $A=B-2$ <br> igit is the third multiple <br> git is the second multiple |  | distribute pre-made cards, on (e.g., shopping scenarios nces). <br> en situation and craft a derstanding of place value to <br> s will exchange their <br> digit is 5 more than the last y second digit is the third he second multiple of 3 . My rth digit is divided by my last th are consecutive numbers. <br> EF. <br> but 2 less than my second digit." | Counters, bundle and loose straws base ten cut square, Bundle of sticks |



