FIRST TERM
WEEKLY LESSON NOTES
WEEK 2

Week Ending: 20-01-2023	**DAY:**	**Subject:** Mathematics	
Duration: 60MINS		**Strand:** Number	
Class: B8	**Class Size:**	**Sub Strand:** Compare & Order Whole Numbers	
Content Standard: B8.1.1.1 Demonstrate understanding and the use of place value for expressing quantities in standard form and rounding numbers.	**Indicator:** B8.1.1.1.3. Compare and order whole numbers using ">, <, and ="	**Lesson:** 1 of 1	
Performance Indicator: Learners can compare and order whole numbers using ">, <, and ="		**Core Competencies:** Communication and Collaboration (CC) Critical Thinking and Problem solving (CP)	
References: Mathematics Curriculum Pg. 90			

Phase/Duration	Learners Activities	Resources
PHASE 1: **STARTER**	Play: "10 more than". Mention a number and learners add 10 to it and call out the number. E.g. 1) 13 → 23 2) 40 → 50 3) 50 → 60 4) 90 → 100 Share performance indicators and introduce the lesson.	
PHASE 2: **NEW LEARNING**	E.g. 1 Identify numbers which are 100,000, 1500,000, etc. more or less than given 8 to 9-digit number. Put learners into groups of five. Write these numbers on the board and let them describe the relationship between them. 126,000 and 526,000. Have learners use the place values to determine the difference. Both numbers have numbers at the hundred thousand columns but 500,000 is a lot bigger than 100,000. So, 526,000 is a lot bigger than 126,000, and 126,000 is a lot smaller than 526,000. In their groups learners describe the relationship between these numbers 1) 648,000 and 230,000 2) 136,000 and 128,000. Justify your answers. Put leaners into groups of five. Write these numbers on the board 268,000 and 320,000.	Counters, bundle and loose straws base ten cut square, Bundle of sticks

	Have learners find the values of each digit. i.e. looking at the 2 numbers, 300,000 is greater than 200,000 so, 320,000 is greater than 268,000. Encourage learners to use the symbols. So, 320,000 > 268,000 and 268,000 < 320,000. <u>Assessment</u> Have learners work in pairs. Use the symbols >, = and < to compare these numbers. 1) 789,600 _____ 786900 2) 998900 _____ 999800 3) 765000 _____ 765000	
PHASE 3: **REFLECTION**	Use peer discussion and effective questioning to find out from learners what they have learnt during the lesson. Take feedback from learners and summarize the lesson. <u>Home Work</u> Use the symbols >, =, < to compare these numbers 1) 885600 _____ 885600 2) 640000 ____ 642000 3) 987200 _____ 897200 4) 845600 ____ 854600	

Week Ending: 20-01-2023	**DAY:**	**Subject:** Mathematics
Duration: 60MINS		**Strand:** Number
Class: B8	**Class Size:**	**Sub Strand:** Standard Form

Content Standard: B8.1.1.1 Demonstrate understanding and the use of place value for expressing quantities in standard form and rounding numbers and decimals to significant figures and a given number of decimal places	**Indicator:** B8.1.1.1.4 Express integers of any size into standard form.	**Lesson:** 2 of 2

Performance Indicator: Learners can express integers of any size into standard form	**Core Competencies:** Communication and Collaboration (CC) Critical Thinking and Problem solving (CP)

References: Mathematics Curriculum Pg. 91

Phase/Duration	Learners Activities	Resources
PHASE 1: **STARTER**	Revise with learners on the previous lesson. Share performance indicators with learners and introduce the lesson.	
PHASE 2: **NEW LEARNING**	Guide learners to write integers as a power of 10: $1 = 10^0$ $10 = 10^1$ $100 = 10^2$ $1000 = 10^3$ Guide learners to write multiples of 10 in standard form: (I) $10 = 1 \times 10$ (II) $100 = 1 \times 10^1$ (III) $1000 = 1 \times 10^3$ etc. Guide learners to write integers in standard form: (i) $26 = 2.6 \times 10$ (ii) $375 = 3.75 \times 10^2$ (iii) $8,765,049 = 8.765049 \times 10^6$ <u>Assessment</u> Write these integers in standard form 1. 234 2. 3456778 3. 97864064 4. 1234787	Counters, bundle and loose straws base ten cut square, Bundle of sticks
PHASE 3: **REFLECTION**	Use peer discussion and effective questioning to find out from learners what they have learnt during the lesson. Take feedback from learners and summarize the lesson.	