

# EaD Comprehensive Lesson Plans

<b>Strand:</b>	Number	<b>Sub-Strand:</b>	Number and Numeration Systems
<b>Content Standard:</b>	B.8.1.1.1 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		



or



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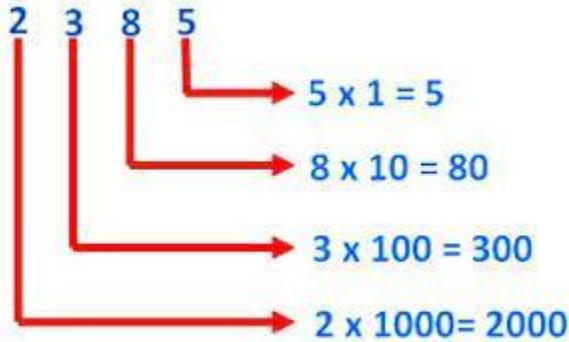
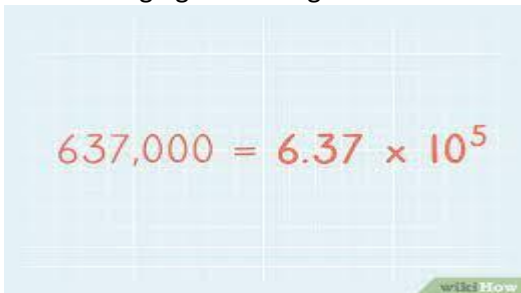
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**BASIC 8**

**WEEKLY LESSON PLAN – WEEK 3**

<b>Indicator (s)</b>	8.1.1.1.3. Compare and order whole numbers using “>, <, and =”  8.1.1.1.4 Express integers of any size into standard form			<b>Performance Indicator:</b> Learners can change integers into standard forms.	
<b>Week Ending</b>	27-09-2024				
<b>Class</b>	B.S.8	<b>Class Size:</b>		<b>Duration:</b>	
<b>Subject</b>	Mathematics				
<b>Reference</b>	Mathematic Curriculum, Teachers Resource Pack, Learners Resource Pack, Textbook.				
<b>Teaching / Learning Resources</b>	Poster, Pictures, Word Chart.		<b>Core Competencies:</b>	<ul style="list-style-type: none"><li>Ability to identify important and appropriate criteria to evaluate each alternatives</li><li>Ability to manage time effectively</li></ul>	
<b>DAY/DATE</b>	<b>PHASE 1 : STARTER</b>	<b>PHASE 2: MAIN</b>			<b>PHASE 3: REFLECTION</b>
<b>MONDAY</b>	Learners brainstorm to compare digits using Abacus.	<div><div><div><div>Th</div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div>4</div> <div>2</div> <div>6</div> <div>5</div> <div>4-digit number</div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div>8</div> <div>5</div> <div>6</div> <div>3-digit number</div> <div>4265 &gt; 856</div> <div><p>An integer (pronounced IN-tuh-jer) is a whole number (not a fractional number) that can be positive, negative, or zero. Examples of integers are: -5, 1, 5, 8, 97, and 3,043. Examples of numbers that are not integers are: -1.43, 1 3/4, 3.14, . 09, and 5,643.1.</p><p><b>Writing integers a power of 10</b></p><p>1 = 10^0</p><p>10 = 10^1</p><p>100 =10^2</p><p>1000 = 10^3</p></div>			Summarize the Lesson and ask Learners to solve more examples of changing integers into standard forms.

<b>WEDNESDAY</b>	Learners brainstorm to recite the multiples of 10.	<ol style="list-style-type: none"> <li>1. Write the multiples of 10 on the chalkboard.</li> <li>2. Assist learners to write multiples of 10 in standard forms.</li> </ol>  <p> <math>1 \times 10^1 = 10</math>  <math>1 \times 10^2 = 100</math>  <math>1 \times 10^3 = 1000</math>  <math>1 \times 10^4 = 10000</math> </p>	Learners in small groups to practice calculation for the value of the multiple of 10.
<b>FRIDAY</b>	Through questions and answers, review Learners knowledge on the previous lesson.	<ol style="list-style-type: none"> <li>1. Discuss the steps to follow to convert integers into standard forms.</li> <li>2. Demonstrate changing positive and negative integers into standard forms.</li> <li>3. Learners in small groups practice solving examples of changing from integers into standard forms.</li> </ol>  <p> <math>637,000 = 6.37 \times 10^5</math> </p> <p> <math>\checkmark</math> The standard form of 12 is <math>1.2 \times 10^1</math>. This is because 1.2 is between 1 (including) and 10 (excluding), and <math>10^1</math> means that 1.2 needs to be multiplied by 10 once in order to produce 12.  <math>\checkmark</math> <math>1.2345 \times 10</math>. Therefore, the standard form is 1.2345         </p>	<p>Reflect on converting integers into standard forms.</p> <p><b>Exercise;</b></p> <p>Calculate the values of the following;</p> <p>i. <math>4.5 \times 10^4</math></p> <p>ii. <math>1.35 \times 10^3</math></p>

		$\times 10^4$ . ✓ $3.33 \times 10^2 = 333$	iii. $12.674 \times 10^5$
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Name of Teacher:

School:

District: