



Edmore Public School

706 Main St, Edmore, ND 58330

WEEKLY LESSON PLAN in MATH 6

1st Period: 8:40 – 9:32

TEACHER: MARICAR HERNANDEZ

Week of: Oct. 30 – Nov. 03, 2023

MONDAY <i>October 30, 2023</i>	TUESDAY <i>October 31, 2023</i>	WEDNESDAY <i>November 01, 2023</i>	THURSDAY <i>November 02, 2023</i>	FRIDAY <i>November 03, 2023</i>
<p>STANDARDS: 6.RP.1, 6.RP.3</p> <p>CHAPTER 3: RATIOS AND RATES</p> <p>LESSON 3.1: Ratios</p> <p>OBJECTIVES: *Write and interpret ratios using appropriate notation and language. *Recognize multiplicative relationships in ratios. *Describe how to determine whether ratios are equivalent. *Name ratios equivalent to a given ratio.</p> <p>BELLRINGER: Define: value of a ratio Equivalent ratios</p> <p>ACTIVITY: >Writing and interpreting ratios. >Determining whether ratios are equivalent. >Modeling real life.</p> <p>EXERCISE/ASSIGNMENT: Page 112, Nos.13-18,23 Page 113, Nos.24-27,37-39</p>	<p>STANDARDS: 6.RP.1, 6.RP.3</p> <p>CHAPTER 3: RATIOS AND RATES</p> <p>LESSON 3.2: Using Tape Diagrams</p> <p>OBJECTIVES: *Interpret tape diagrams that represent ratio relationships. *Draw tape diagrams to model ratio relationship. *Find the value of one part of a tape diagram. *Use tape diagrams to solve ratio problems.</p> <p>BELLRINGER: Define: tape diagram</p> <p>ACTIVITY: >Interpreting a tape diagram. >Drawing a tape diagram. >Using a tape diagram to solve a ratio problem. >Modeling real life.</p> <p>EXERCISE/ASSIGNMENT: Page 119, Nos.13,14,15,17,21,22,27,28</p>	<p>STANDARDS: 6.RP.1, 6.RP.3</p> <p>CHAPTER 3: RATIOS AND RATES</p> <p>LESSON 3.3: Using Ratio Tables</p> <p>OBJECTIVES: *Use various operations to create tables of equivalent ratios. *Use ratio tables to solve ratio problems. *Use ratio tables to compare ratios.</p> <p>BELLRINGER: Define: ratio table</p> <p>ACTIVITY: >Completing ratio tables. >Modeling real life.</p> <p>EXERCISE/ASSIGNMENT: Puzzle Time 3.3</p> <p>EXERCISE/ASSIGNMENT: Page 126, Nos.16-19, 23-26</p>	<p>STANDARDS: 6.RP.1, 6.RP.3</p> <p>CHAPTER 3: RATIOS AND RATES</p> <p>LESSONS 3.1-3.3: Mid Chapter QUIZ</p> <p>OBJECTIVES: *Apply the concepts and skills acquired in lessons 3.1-3.3.</p> <p>BELLRINGER: You be a teacher: Page 127, No.22</p> <p>ACTIVITY: QUIZ 3.1 Ratios 3.2 Using Tape Diagrams 3.3 Using Ratio Tables</p>	<p>STANDARDS: 6.RP.1, 6.RP.3</p> <p>CHAPTER 3: RATIOS AND RATES</p> <p>LESSON 3.4: Graphing Ratio Relationships</p> <p>OBJECTIVES: *Create and plot ordered pairs from a ratio relationship. *Create graphs to solve ratio problems. *Create graphs to compare ratios.</p> <p>BELLRINGER: Review and refresh Page 133, Nos. 1 and 2</p> <p>ACTIVITY: >Graphing ratio relationships. >Using a graph to solve a ratio problem.</p> <p>EXERCISE/ASSIGNMENT: Page 133, Nos.13 - 18</p>
<p>REMARKS:</p>				



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706 Main St, Edmore, ND 58330

WEEKLY LESSON PLAN in MATH 7

3rd Period: 10:30 - 11:22

TEACHER: MARICAR HERNANDEZ

Week of: Oct. 30 – Nov. 03, 2023

MONDAY <i>October 30, 2023</i>	TUESDAY <i>October 31, 2023</i>	WEDNESDAY <i>November 01, 2023</i>	THURSDAY <i>November 02, 2023</i>	FRIDAY <i>November 03, 2023</i>
<p>STANDARDS: 7.EE.3</p> <p>CHAPTER 3: PERCENTS</p> <p>LESSON 3.1: Fractions, Decimals, and Percents</p> <p>OBJECTIVES: *Write percents as decimals and decimals as percents. *Write fractions as decimals and percents. *Compare and order fractions, decimals, and percents.</p> <p>BELLRINGER: Review and Refresh Page 239, Nos.3 and 4</p> <p>ACTIVITY: >Converting between percents and decimals. >Writing fractions as decimals and percents. >Modeling real life.</p> <p>EXERCISE/ASSIGNMENT: Page 239, Nos. 8,9,12,17,21,22, 35-38,39</p>	<p>STANDARDS: 7.RP.3, 7.EE.3</p> <p>CHAPTER 3: PERCENTS</p> <p>LESSON 3.2: The Percent Proportion</p> <p>OBJECTIVES: *Write proportions to represent percent problems. *Solve a proportion to find a percent, a part, or a whole.</p> <p>BELLRINGER: Vocabulary Practice *proportion</p> <p>ACTIVITY: (Discussion) >Finding a percent. >Finding a part. >Finding a whole. >Modeling real life.</p> <p>EXERCISE/ASSIGNMENT: Puzzle Time 6.2</p>	<p>STANDARDS: 7.RP.3, 7.EE.3</p> <p>CHAPTER 3: PERCENTS</p> <p>LESSON 3.2: The Percent Proportion</p> <p>OBJECTIVES: *Write proportions to represent percent problems. *Solve a proportion to find a percent, a part, or a whole.</p> <p>BELLRINGER: Review and Refresh Page 245, Nos. 1-4</p> <p>ACTIVITY: (Exercise) >Finding a percent. >Finding a part. >Finding a whole. >Modeling real life.</p> <p>EXERCISE/ASSIGNMENT: Page 245, Nos. 15 – 20, 24-25,30</p>	<p>STANDARDS: 7.RP.3, 7.EE.3</p> <p>CHAPTER 3: PERCENTS</p> <p>LESSON 3.3: The Percent Equation</p> <p>OBJECTIVES: *Write equations to represent percent problems. *Use the percent equation to find a percent, a part, or a whole.</p> <p>BELLRINGER: Vocabulary Practice *cross product</p> <p>ACTIVITY: (Discussion) >Exploration 1: Using percent equations. >Finding a part of a number. >Finding a percent. >Finding a whole. >Modeling real life.</p> <p>EXERCISE/ASSIGNMENT: Puzzle Time 6.3</p>	<p>STANDARDS: 7.RP.3, 7.EE.3</p> <p>CHAPTER 3: PERCENTS</p> <p>LESSON 3.3: The Percent Equation</p> <p>OBJECTIVES: *Write equations to represent percent problems. *Use the percent equation to find a percent, a part, or a whole.</p> <p>BELLRINGER: Review and Refresh Page 251, Nos. 5 – 8</p> <p>ACTIVITY: (Exercise) >Finding a part of a number. >Finding a percent. >Finding a whole. >Modeling real life.</p> <p>EXERCISE/ASSIGNMENT: Page 251, Nos. 13 – 18, 23 – 25</p>

REMARKS:



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706 Main St, Edmore, ND 58330

WEEKLY LESSON PLAN in GEOMETRY

4th Period: 11:25 - 12:17

TEACHER: MARICAR HERNANDEZ

Week of: Oct. 30 – Nov. 03, 2023

MONDAY <i>October 30, 2023</i>	TUESDAY <i>October 31, 2023</i>	WEDNESDAY <i>November 01, 2023</i>	THURSDAY <i>November 02, 2023</i>	FRIDAY <i>November 03, 2023</i>
<p>STANDARDS: HS.G-CO.9, HS.G-CO.12</p> <p>CHAPTER 3: PARALLEL AND PERPENDICULAR LINES</p> <p>LESSON 3.3: Equations of Parallel and Perpendicular Lines</p> <p>OBJECTIVES: *Use slopes to identify parallel and perpendicular lines. *Write equations of parallel and perpendicular lines. *Find the distance from a point to a line.</p> <p>BELLRINGER: Error Analysis Page 154, Nos. 23-24</p> <p>ACTIVITY: >Writing an equation of a perpendicular line. >Finding the distance from a point to a line. >Finish the activity from Friday. >Short QUIZ.</p> <p>EXERCISE/ASSIGNMENT: Page 154, Nos.15-18,19-22,37</p>	<p>STANDARDS: HS.G-GPE.5,6 HS.G-CO.9,12</p> <p>CHAPTER 3: PARALLEL AND PERPENDICULAR LINES</p> <p>LESSON: Vocabulary Quiz and Chapter Review</p> <p>OBJECTIVES: *Review the concepts and skills acquired in chapter 3 lessons.</p> <p>BELLRINGER: Warm Up Activity Graph $y = \frac{2}{3}x - 2$ in the coordinate plane.</p> <p>ACTIVITY: >Vocabulary QUIZ Review 3.1 Pairs of Lines and Angles 3.2 Parallel Lines and Transversal 3.3 Equations of Parallel and Perpendicular Lines</p>	<p>STANDARDS: HS.G-GPE.5,6 HS.G-CO.9,12</p> <p>CHAPTER 3: PARALLEL AND PERPENDICULAR LINES</p> <p>LESSON: Chapter Test</p> <p>OBJECTIVES: *Apply the concepts and skills acquired in chapter 3 lessons.</p> <p>BELLRINGER: Recap</p> <p>ACTIVITY: ASSESSMENT 3.1 Pairs of Lines and Angles 3.2 Parallel Lines and Transversal 3.3 Equations of Parallel and Perpendicular Lines Performance Task “Squaring a Treehouse”</p> <p>OBJECTIVES: *Identify lines and planes. *Identify parallel and perpendicular lines. *Identify pairs of angles formed by transversals.</p>	<p>STANDARDS: HS.G-CO.2,4,5,6</p> <p>CHAPTER 4: TRANSFORMATIONS</p> <p>LESSON 4.1: Translations</p> <p>OBJECTIVES: *Translate figures. *Write a translation rule for a given translation. *Explain what a rigid motion is. *Perform a composition of translation on a figure.</p> <p>BELLRINGER: Define: vector</p> <p>ACTIVITY: >Identifying vector components. >Translating a figure using a vector. >Writing a translation rule. >Translating a figure in the coordinate plane. >Performing a composition. >Modeling real life.</p> <p>EXERCISE/ASSIGNMENT: Pages 172-173,Nos.1,4,8,9,13,16,21 23,25</p>	<p>STANDARDS: HS.G-CO.2,3,4,5,6 HS.G-MG.3</p> <p>CHAPTER 4: TRANSFORMATIONS</p> <p>LESSON 4.2: Reflections</p> <p>OBJECTIVES: *Reflect figures. *Perform compositions with reflections. *Identify line symmetry in polygons.</p> <p>BELLRINGER: Define: reflection Line of reflection</p> <p>ACTIVITY: >Reflecting in horizontal and vertical lines. >Reflecting in the line $y=x$. >Reflecting in the line $y=-x$. >Performing glide reflection. >Identifying line symmetry.</p> <p>EXERCISE/ASSIGNMENT: Page 180, Nos. 5,6,13,17,21,29,30</p>

REMARKS:



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706 Main St, Edmore, ND 58330

WEEKLY LESSON PLAN in MATH 8

6th Period: 1:37 – 2:29

TEACHER: MARICAR HERNANDEZ

Week of: Oct. 30 – Nov. 03, 2023

MONDAY <i>October 30, 2023</i>	TUESDAY <i>October 31, 2023</i>	WEDNESDAY <i>November 01, 2023</i>	THURSDAY <i>November 02, 2023</i>	FRIDAY <i>November 03, 2023</i>
<p>STANDARDS: 8.G.1,2,3,4</p> <p>CHAPTER 2: TRANSFORMATIONS</p> <p>LESSON: Performance Task "Master Puppeteer"</p> <p>OBJECTIVES:</p> <ul style="list-style-type: none"> • The student will identify dilations. • The student will translate and dilate a kite in a coordinate plane. • The student will use more than one transformation to find images of figures. <p>BELLRINGER: Describe congruent figures. Describe a similar figure.</p> <p>ACTIVITY: Students will identify the scale factor and the type of dilation of a cutout puppet (kite) with its shadow projected onto a screen. They will describe an additional sequence of transformations of the kite, and draw these transformations in a coordinate plane.</p>	<p>STANDARDS: 8.EE.1</p> <p>CHAPTER 3: EXPONENTS AND SCIENTIFIC NOTATION</p> <p>LESSON 3.1: Exponents</p> <p>OBJECTIVES:</p> <ul style="list-style-type: none"> *Write products using exponents. *Evaluate expressions involving powers. *Use exponents to solve real-life problems. <p>BELLRINGER: Define: power Prerequisite Skills Practice</p> <p>ACTIVITY: (Discussion) >Watch the Steam Video. >Exploration 1: Using exponent notation. >Writing expressions using exponents. >Evaluating expressions. >Using order of operations. >Modeling real life.</p> <p>EXERCISE/ASSIGNMENT: Puzzle Time 8.1</p>	<p>STANDARDS: 8.EE.1</p> <p>CHAPTER 3: EXPONENTS AND SCIENTIFIC NOTATION</p> <p>LESSON 3.1: Exponents</p> <p>OBJECTIVES:</p> <ul style="list-style-type: none"> *Write products using exponents. *Evaluate expressions involving powers. *Use exponents to solve real-life problems. <p>BELLRINGER: Review and Refresh Page 323, Nos. 1 and 2</p> <p>ACTIVITY: (Exercise) >Watch the Steam Video. >Writing expressions using exponents. >Evaluating expressions. >Using order of operations. >Modeling real life.</p> <p>EXERCISE/ASSIGNMENT: Pages 323-324, Nos.5,6,8-12,18-21, 25-26,29-30,39</p>	<p>STANDARDS: 8.EE.1</p> <p>CHAPTER 3: EXPONENTS AND SCIENTIFIC NOTATION</p> <p>LESSON 8.2: Product of Powers Property</p> <p>OBJECTIVES:</p> <ul style="list-style-type: none"> *Find products of powers that have the same base. *Find the powers of powers. *Find powers of products. <p>BELLRINGER: Prerequisite Skill Practice</p> <p>ACTIVITY: (Discussion) >Exploration 1: Finding products of powers. >Exploration 2: Finding powers of products. >Multiplying powers with the same base. >Finding a power of a power. >Finding a power of a product. >Modeling real life.</p> <p>EXERCISE/ASSIGNMENT: Puzzle Time 8.2</p>	<p>STANDARDS: 8.EE.1</p> <p>CHAPTER 3: EXPONENTS AND SCIENTIFIC NOTATION</p> <p>LESSON 8.2: Product of Powers Property</p> <p>OBJECTIVES:</p> <ul style="list-style-type: none"> *Find products of powers that have the same base. *Find the powers of powers. *Find powers of products. <p>BELLRINGER: Review and Refresh Page 329, Nos. 7 – 9</p> <p>ACTIVITY: (Exercise) >Multiplying powers with the same base. >Finding a power of a power. >Finding a power of a product. >Modeling real life.</p> <p>EXERCISE/ASSIGNMENT: Pages 329-330, Nos. 10-15, 24-28, 31, 33, 35</p>

REMARKS:



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WEEKLY LESSON PLAN in ALGEBRA 1

7th Period: 2:32 – 3:25

TEACHER: MARICAR HERNANDEZ

Week of: Oct. 30 – Nov. 03, 2023

MONDAY <i>October 30, 2023</i>	TUESDAY <i>October 31, 2023</i>	WEDNESDAY <i>November 01, 2023</i>	THURSDAY <i>November 02, 2023</i>	FRIDAY <i>November 03, 2023</i>
<p>STANDARDS: HSF-CED.2, HSF-IF.7a, HSA-SSE.1, HSF-IF.4</p> <p>CHAPTER 3: GRAPHING LINEAR FUNCTIONS</p> <p>LESSON 3.6: Graphing Linear Equations in Slope-Intercept Form</p> <p>OBJECTIVES: *Find the slope. *Use the slope-intercept form of a linear equation. *Solve real-life problems using slopes and intercepts.</p> <p>BELLRINGER: Define: slope-intercept form constant function</p> <p>ACTIVITY: >Using slope-intercept form to graph an equation. >Graphing from a verbal description. >Modeling real life.</p> <p>EXERCISE/ASSIGNMENT: Page 153-154, Nos. 23,27,31-32, 35-36,38</p>	<p>STANDARDS: HSF-CED.2, HSF-IF.7a, HSF-BF.3</p> <p>CHAPTER 3: GRAPHING LINEAR FUNCTIONS</p> <p>LESSON 3.7: Transformations of Linear Functions</p> <p>OBJECTIVES: *Identify a transformation of a linear graph. *Graph transformations of linear functions. *Explain how translations, reflections, stretches, and shrinks affect graphs of functions.</p> <p>BELLRINGER: Define: family of functions, parent function, transformation</p> <p>ACTIVITY: >Describing horizontal and vertical translations. >Describing reflections in the x-axis and the y-axis. >Describing horizontal and vertical stretches.</p> <p>EXERCISE/ASSIGNMENT: Page 163, Nos.1-3,7-8,9-11,13-15</p>	<p>STANDARDS: HSF-CED.2, HSF-IF.7a, HSF-BF.3</p> <p>CHAPTER 3: GRAPHING LINEAR FUNCTIONS</p> <p>LESSON 3.7: Transformations of Linear Functions</p> <p>OBJECTIVES: *Identify a transformation of a linear graph. *Graph transformations of linear functions. *Explain how translations, reflections, stretches, and shrinks affect graphs of functions.</p> <p>BELLRINGER: Define: horizontal shrink and stretch, vertical shrink and stretch</p> <p>ACTIVITY: > Describing horizontal and vertical shrinks. >Combining transformations. >Modeling real life.</p> <p>EXERCISE/ASSIGNMENT: Page 163, Nos.19-21,25,26, 39-40, 45</p>	<p>STANDARDS: HSF-CED.2, HSF-IF.7b, HSF-BF.3</p> <p>CHAPTER 3: GRAPHING LINEAR FUNCTIONS</p> <p>LESSON 3.8: Graphing Absolute Value Functions</p> <p>OBJECTIVES: *Graph absolute value functions. *Find the domain and range of absolute value functions. *Describe transformations of graphs of absolute value functions.</p> <p>BELLRINGER: Define: absolute value function Vertex, vertex form</p> <p>ACTIVITY: >Graphing $g(x) = x + k$ and $g(x) = x - h$. >Graphing $g(x) = a x$.</p> <p>EXERCISE/ASSIGNMENT: Page 172, Nos. 1-6, 9-10</p>	<p>STANDARDS: HSF-CED.2, HSF-IF.7b, HSF-BF.3</p> <p>CHAPTER 3: GRAPHING LINEAR FUNCTIONS</p> <p>LESSON 3.8: Graphing Absolute Value Functions</p> <p>OBJECTIVES: *Graph absolute value functions. *Find the domain and range of absolute value functions. *Describe transformations of graphs of absolute value functions.</p> <p>BELLRINGER: Define: absolute value function</p> <p>ACTIVITY: >Graphing $f(x) = x - h + k$ and $g(x) = f(ax)$. >Graphing $g(x) = a x - h + k$</p> <p>EXERCISE/ASSIGNMENT: Page 172, Nos. 13-14, 19-22, 23,25,31</p>

REMARKS: