



Edmore Public School

706 Main St, Edmore, ND 58330

WEEKLY LESSON PLAN in MATH 6

2nd Period: 9:35 – 10:27

TEACHER: MARICAR HERNANDEZ

Week of: Jan. 15 – Jan. 19, 2024

MONDAY <i>January 15, 2024</i>	TUESDAY <i>January 16, 2024</i>	WEDNESDAY <i>January 17, 2024</i>	THURSDAY <i>January 18, 2024</i>	FRIDAY <i>January 19, 2024</i>
<p>STANDARDS: 6.NS.4 6.EE.3, 6.EE.4</p> <p>CHAPTER 5: ALGEBRAIC EXPRESSIONS AND PROPERTIES</p> <p>LESSON 5.5: Factoring Expressions</p> <p>OBJECTIVES: *Use the Distributive Property to factor numerical expressions. *Identify the greatest common factor of terms, including variables. *Use the Distributive Property to factor algebraic expressions. *Interpret factored expressions in real-life problems.</p> <p>BELLRINGER: Review and Refresh Page 231, Nos. 5 – 8</p> <p>ACTIVITY: (Exercise) >Factoring numerical expressions. >Factoring algebraic expressions. >Modeling real life</p> <p>EXERCISE/ASSIGNMENT: Page 231-232, Nos. 17-20, 35-38, 57-58</p>	<p>STANDARDS: 6.NS.4 6.EE.3, 6.EE.4</p> <p>CHAPTER 5: ALGEBRAIC EXPRESSIONS AND PROPERTIES</p> <p>LESSONS 5.3 – 5.5: End Chapter QUIZ</p> <p>OBJECTIVES: *Apply the concepts and skills acquired in lessons 5.3 – 5.5.</p> <p>BELLRINGER: Simplify $3 + (5 + 2x)$ $5(3x - 4)$</p> <p>ACTIVITY: QUIZ 5.3 Properties of Addition and Multiplication 5.4 The Distributive Property 5.5 Factoring Expressions</p>	<p>STANDARDS: 6.NS.4 6.EE.3, 6.EE.4</p> <p>CHAPTER 5: ALGEBRAIC EXPRESSIONS AND PROPERTIES</p> <p>LESSON: Chapter Review and Vocabulary QUIZ</p> <p>OBJECTIVES: *Review the concepts and skills acquired in Chapter 5 lessons.</p> <p>BELLRINGER: Define the vocabulary in your own understanding.</p> <p>ACTIVITY: >Vocabulary QUIZ REVIEW 5.1 Algebraic Expressions 5.2 Writing Expressions 5.3 Properties of Addition and Multiplication 5.4 The Distributive Property 5.5 Factoring Expressions</p>	<p>STANDARDS: 6.NS.4 6.EE.3, 6.EE.4</p> <p>CHAPTER 5: ALGEBRAIC EXPRESSIONS AND PROPERTIES</p> <p>LESSON: Chapter Test</p> <p>OBJECTIVES: *Apply the concepts and skills acquired in Chapter 5 lessons.</p> <p>BELLRINGER: Recap</p> <p>ACTIVITY: ASSESSMENT 5.1 Algebraic Expressions 5.2 Writing Expressions 5.3 Properties of Addition and Multiplication 5.4 The Distributive Property 5.5 Factoring Expressions</p>	<p>STANDARDS: 6.EE.5 - 7</p> <p>CHAPTER 6: EQUATIONS</p> <p>LESSON 6.1: Writing Equations in One Variable</p> <p>OBJECTIVES: *Identify keywords and phrases that indicate equality. *Write word sentences as equations. *Create equations to represent real-life problems.</p> <p>BELLRINGER: Vocabulary Practice *equation Cumulative Practice *When $y = 7$, the value of $y^2 + 2$ is ___.</p> <p>ACTIVITY: (Discussion) >Writing equations. >Writing an equation. >Modeling real life.</p> <p>EXERCISE/ASSIGNMENT: Journal Page 134, Nos. 1 – 4 Puzzle Time 6.1</p>

REMARKS: Monday's activity is carried over from last week due to the scheduled school activity last Wednesday.



Edmore Public School

706 Main St, Edmore, ND 58330

WEEKLY LESSON PLAN in MATH 7

3rd Period: 10:30 - 11:22

TEACHER: MARICAR HERNANDEZ

Week of: Jan. 15 – Jan. 19, 2024

MONDAY <i>January 15, 2024</i>	TUESDAY <i>January 16, 2024</i>	WEDNESDAY <i>January 17, 2024</i>	THURSDAY <i>January 18, 2024</i>	FRIDAY <i>January 19, 2024</i>
<p>STANDARDS: 7.EE.1, 7.EE.2</p> <p>CHAPTER 5: EXPRESSIONS</p> <p>LESSONS 5.1 - 5.2: Mid-Chapter QUIZ</p> <p>OBJECTIVES: *Apply the concepts and skills acquired in lessons 5.1-5.2.</p> <p>BELLRINGER: Find the sum or difference: 1. $(3x+2) + (-2x+5)$ 2. $(-8x-3) - (-4x+7)$</p> <p>ACTIVITY: QUIZ 5.1 Algebraic Expressions 5.2 Adding and Subtracting Linear Expressions</p>	<p>STANDARDS: 7.EE.1, 7.EE.2</p> <p>CHAPTER 5: EXPRESSIONS</p> <p>LESSON 5.3: The Distributive Property</p> <p>OBJECTIVES: *Explain how to apply the Distributive Property. *Use the Distributive Property to simplify algebraic expressions.</p> <p>BELLRINGER: Describe: Distributive property</p> <p>ACTIVITY: Discussion >Using the distributive property. >Simplifying expressions.</p> <p>EXERCISE/ASSIGNMENT: Journal Page 62, Nos. 1 – 4, 9 Enhancement (worksheets) Page 107, Nos.13 - 18</p>	<p>STANDARDS: 7.EE.1, 7.EE.2</p> <p>CHAPTER 5: EXPRESSIONS</p> <p>LESSON 5.3: The Distributive Property</p> <p>OBJECTIVES: *Explain how to apply the Distributive Property. *Use the Distributive Property to simplify algebraic expressions.</p> <p>BELLRINGER: You be a teacher: Page 107, Nos. 28 and 29</p> <p>ACTIVITY: >Simplifying expressions. >Modeling real life.</p> <p>EXERCISE/ASSIGNMENT: Page 108, Nos.30,31,36,37 Puzzle time</p>	<p>STANDARDS: 7.EE.1, 7.EE.2</p> <p>CHAPTER 5: EXPRESSIONS</p> <p>LESSON 5.4: Factoring Expressions</p> <p>OBJECTIVES: *Identify the greatest common factor of terms, including variable terms. *Use the distributive property to factor algebraic expressions. *Write a term as a product involving a given factor.</p> <p>BELLRINGER: Define: Factoring expression</p> <p>ACTIVITY: > Factoring out the GCF. >Factoring out a rational number.</p> <p>EXERCISE/ASSIGNMENT: Journal Page 66, Nos. 1 – 10 Page 113, Nos. 12-17, 24-26, 27-29</p>	<p>STANDARDS: 7.EE.1, 7.EE.2</p> <p>CHAPTER 5: EXPRESSIONS</p> <p>LESSON 5.4: Factoring Expressions</p> <p>OBJECTIVES: *Identify the greatest common factor of terms, including variable terms. *Use the distributive property to factor algebraic expressions. *Write a term as a product involving a given factor.</p> <p>BELLRINGER: Review and refresh Page 113, Nos. 1 and 2</p> <p>ACTIVITY: > Factoring out a negative number. >Modeling real life.</p> <p>EXERCISE/ASSIGNMENT: Page 114, Nos. 38-43, 45-46 Puzzle Time</p>

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Edmore Public School

706 Main St, Edmore, ND 58330

WEEKLY LESSON PLAN in GEOMETRY

4th Period: 11:25 - 12:17

TEACHER: MARICAR HERNANDEZ

Week of: Jan. 15 – Jan. 19, 2024

MONDAY <i>January 15, 2024</i>	TUESDAY <i>January 16, 2024</i>	WEDNESDAY <i>January 17, 2024</i>	THURSDAY <i>January 18, 2024</i>	FRIDAY <i>January 19, 2024</i>
<p>STANDARDS: 9-10.GM.10,12,23</p> <p>CHAPTER 6: RELATIONSHIPS WITHIN TRIANGLES</p> <p>LESSON : Chapter Test</p> <p>OBJECTIVES: *Apply the concepts and skills acquired in Chapter 6.</p> <p>BELLRINGER: Recap</p> <p>ACTIVITY: ASSESSMENT 6.1 Perpendicular and Angle Bisectors 6.2 Bisectors of Triangles 6.3 Medians and Altitudes of Triangles 6.4 The Triangle Midsegment Theorem 6.5 Indirect Proof and Inequalities in One Triangle 6.6 Inequalities in Two Triangles</p>	<p>STANDARDS: 9-10.GM.10,12,23</p> <p>CHAPTER 6: RELATIONSHIPS WITHIN TRIANGLES</p> <p>LESSON : Performance Task "Bicycle Renting Stations"</p> <p>OBJECTIVES: *Use a compass and straightedge to construct the circumcenter, incenter, and centroid of a triangle.</p> <p>BELLRINGER: Describe: circumcenter, incenter, and Centroid</p> <p>ACTIVITY: <i>Launch Question:</i> You are helping city planners decide where to build a bicycle renting station downtown. Three teams of planners propose three different ideas of where the renting station should be located relative to the three largest businesses in the city. How will you decide the best location? Where will you build the renting station based on the ideas of the city planners?</p>	<p>STANDARDS: 9-10.GM.11,30</p> <p>CHAPTER 7: QUADRILATERALS AND OTHER POLYGONS</p> <p>LESSON 7.1: Angles of polygons</p> <p>OBJECTIVES: *Find the sum of the interior angle measures of a polygon. *Find the interior angle measures of polygons. *Find the exterior angle measures of polygons.</p> <p>BELLRINGER: Error Analysis Page 352, Nos. 15 and 16</p> <p>ACTIVITY: >Finding angle measures in polygons. >Finding an unknown exterior angle measure. >Finding angle measures in regular polygons.</p> <p>EXERCISE/ASSIGNMENT: Page 352, Nos. 18, 21,22,25,28,30</p>	<p>STANDARDS: 9-10.GM.11,30</p> <p>CHAPTER 7: QUADRILATERALS AND OTHER POLYGONS</p> <p>LESSON 7.2: Properties of Parallelograms</p> <p>OBJECTIVES: *Prove properties of parallelograms. *Use properties of parallelograms. *Solve problems involving parallelograms in the coordinate plane.</p> <p>BELLRINGER: Describe a parallelogram.</p> <p>ACTIVITY: >Using properties of parallelograms. >Writing a two-column proof.</p> <p>EXERCISE/ASSIGNMENT: Page 360, Nos.1,4,5,6,7,14,15,17,21</p>	<p>STANDARDS: 9-10.GM.11,30</p> <p>CHAPTER 7: QUADRILATERALS AND OTHER POLYGONS</p> <p>LESSON 7.2: Properties of Parallelograms</p> <p>OBJECTIVES: *Prove properties of parallelograms. *Use properties of parallelograms. *Solve problems involving parallelograms in the coordinate plane.</p> <p>BELLRINGER: Error Analysis Page 360, Nos. 19 and 20</p> <p>ACTIVITY: >Using parallelograms in the coordinate plane.</p> <p>EXERCISE/ASSIGNMENT: Page 358, Nos. 23, 24, 26, 7,31, 32</p>

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Edmore Public School

706 Main St, Edmore, ND 58330

WEEKLY LESSON PLAN in ALGEBRA 1

5th Period: 12:42 – 1:34

TEACHER: MARICAR HERNANDEZ

Week of: Jan. 15 – Jan. 19, 2024

MONDAY <i>January 15, 2024</i>	TUESDAY <i>January 16, 2024</i>	WEDNESDAY <i>January 17, 2024</i>	THURSDAY <i>January 18, 2024</i>	FRIDAY <i>January 19, 2024</i>
<p>STANDARDS: 9-10.NO.1</p> <p>CHAPTER 6: EXPONENTIAL FUNCTIONS AND SEQUENCES LESSON 6.1: Properties of Exponents</p> <p>OBJECTIVES: *Explain the meaning of zero and negative exponents. *Evaluate and simplify expressions involving zero and negative exponents. *Simplify expressions using properties of exponents.</p> <p>BELLRINGER: Evaluate the expression. 1.) 7^1 2.) $-1 \times 1^4 \times (-4)^3$</p> <p>ACTIVITY: >Exploration >Using zero and negative exponents. >Simplifying an expression. >Using properties of exponents. >Simplifying a real-life expressions >Modeling real life</p> <p>EXERCISE/ASSIGNMENT: Page 304, Nos. 1,3,5,7,11,13,15,19, 21,23,25,29,30, 33,34,35,37,43-46, 51,52</p>	<p>STANDARDS: 9-10.NO.1,2, 9-10.AR.F.4,5,6,8,11,12</p> <p>CHAPTER 6: EXPONENTIAL FUNCTIONS AND SEQUENCES LESSON 6.1: Properties of Exponents</p> <p>OBJECTIVES: *Explain the meaning of zero and negative exponents. *Evaluate and simplify expressions involving zero and negative exponents. *Simplify expressions using properties of exponents.</p> <p>BELLRINGER: Error Analysis Page 304, Nos. 31 and 32</p> <p>ACTIVITY: >Using properties of exponents. -power of a product, power of a quotient >Simplifying a real-life expressions >Modeling real life</p> <p>EXERCISE/ASSIGNMENT: Page 304, Nos. 33,34,35,37,43-46, 51,52</p>	<p>STANDARDS: 9-10.NO.1,2, 9-10.AR.F.4,5,6,8,11,12</p> <p>CHAPTER 6: EXPONENTIAL FUNCTIONS AND SEQUENCES LESSON 6.2: Radicals and Rational Exponents</p> <p>OBJECTIVES: *Find nth roots. *Evaluate expressions with rational exponents. *Solve real-life problems involving rational exponents.</p> <p>BELLRINGER: Cumulative Practice Prerequisite Skills Practice</p> <p>ACTIVITY: >Finding nth roots. >Evaluating nth root expressions. >Evaluating expressions with rational exponents. >Modeling real life.</p> <p>EXERCISE/ASSIGNMENT: Journal Page 103, Nos 1 – 17 Puzzle Time 6.2</p>	<p>STANDARDS: 9-10.NO.1,2, 9-10.AR.F.4,5,6,8,11,12</p> <p>CHAPTER 6: EXPONENTIAL FUNCTIONS AND SEQUENCES LESSON 6.2: Radicals and Rational Exponents</p> <p>OBJECTIVES: *Find nth roots. *Evaluate expressions with rational exponents. *Solve real-life problems involving rational exponents.</p> <p>BELLRINGER: Error Analysis Page 311, Nos. 27 and 28</p> <p>ACTIVITY: >Finding nth roots. >Evaluating nth root expressions. >Evaluating expressions with rational exponents. >Modeling real life.</p> <p>EXERCISE/ASSIGNMENT: Page 311, Nos. 1-8, 11,13,15,21,23, 25,33,34,35,36</p>	<p>STANDARDS: 9-10.NO.1,2, 9-10.AR.F.4,5,6,8,11,12</p> <p>CHAPTER 6: EXPONENTIAL FUNCTIONS AND SEQUENCES LESSON 6.3: Exponential Functions</p> <p>OBJECTIVES: *Identify an exponential function. *Evaluate and graph an exponential function. *Write exponential functions. *Model real-life problems using exponential functions.</p> <p>BELLRINGER: Vocabulary Practice *exponential function</p> <p>ACTIVITY: >Identifying functions. >Evaluating exponential functions. >Graphing $y=ab^x$</p> <p>EXERCISE/ASSIGNMENT: Page 318, Nos. 7,8,11,13,15,17,19</p>

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Edmore Public School

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WEEKLY LESSON PLAN in MATH 8

6th Period: 1:37 – 2:29

TEACHER: MARICAR HERNANDEZ

Week of: Jan. 15 – Jan. 19, 2024

MONDAY January 15, 2024	TUESDAY January 16, 2024	WEDNESDAY January 17, 2024	THURSDAY January 18, 2024	FRIDAY January 19, 2024
<p>STANDARDS: 8.O.1, 8.EE.2</p> <p>CHAPTER 4: REAL NUMBERS AND THE PYTHAGOREAN THEOREM</p> <p>LESSON: Performance Task "Identify and Correct the Error!"</p> <p>OBJECTIVES: *Find the square roots of perfect squares. *Evaluate expressions involving square roots.</p> <p>BELLRINGER: Write the first ten perfect square numbers.</p> <p>ACTIVITY: Students will find the period of a pendulum given the length using the formula $T = 1.1\sqrt{L}$ for three different lengths. Students will evaluate expressions involving square roots. Students will be given the calculations for two different periods of a pendulum that are incorrectly solved using the formula $T = 1.1\sqrt{L}$. Students must describe, analyze, and correct each error.</p>	<p>STANDARDS: 8.AR.EE.3,4,5,6</p> <p>CHAPTER 5: GRAPHING AND WRITING LINEAR EQUATIONS</p> <p>LESSON 5.1: Graphing Linear Equations</p> <p>OBJECTIVES: *Create a table of values and write ordered pairs given a linear equation. *Plot ordered pairs to create a graph of a linear equation. *Use a graph of a linear equation to solve a real-life problem.</p> <p>BELLRINGER: Define: Linear Equation Solution of a linear equation</p> <p>ACTIVITY: Discussion >Watch the Steam Video. >Graphing a linear equation. >Graphing a horizontal line and a vertical line. >Modeling real life.</p> <p>EXERCISE/ASSIGNMENT: Journal Page 78, Nos. 1 – 2 Puzzle Time</p>	<p>STANDARDS: 8.AR.EE.3,4,5,6</p> <p>CHAPTER 5: GRAPHING AND WRITING LINEAR EQUATIONS</p> <p>LESSON 5.1: Graphing Linear Equations</p> <p>OBJECTIVES: *Create a table of values and write ordered pairs given a linear equation. *Plot ordered pairs to create a graph of a linear equation. *Use a graph of a linear equation to solve a real-life problem.</p> <p>BELLRINGER: You be the teacher Page 145, No.22</p> <p>ACTIVITY: Exercise >Graphing a linear equation. >Graphing a horizontal line and a vertical line. >Modeling real life.</p> <p>EXERCISE/ASSIGNMENT: Page 145, Nos. 10-15, 23,24,25,29</p>	<p>STANDARDS: 8.AR.EE.3,4,5,6</p> <p>CHAPTER 5: GRAPHING AND WRITING LINEAR EQUATIONS</p> <p>LESSON 5.2: Slope of a Line</p> <p>OBJECTIVES: *Explain the meaning of slope. *Find the slope of a line. *Interpret the slope of a line in real-life problems.</p> <p>BELLRINGER: Define: Slope, Rise, Run</p> <p>ACTIVITY: Discussion >Finding slopes of lines. >Finding slopes of horizontal and vertical lines. >Identifying parallel lines. >Modeling real life.</p> <p>EXERCISE/ASSIGNMENT: Journal Page 82, Nos. 1 – 4 Puzzle Time</p>	<p>STANDARDS: 8.AR.EE.3,4,5,6</p> <p>CHAPTER 5: GRAPHING AND WRITING LINEAR EQUATIONS</p> <p>LESSON 5.2: Slope of a Line</p> <p>OBJECTIVES: *Explain the meaning of slope. *Find the slope of a line. *Interpret the slope of a line in real-life problems.</p> <p>BELLRINGER: You Be The Teacher Page 153, No.22</p> <p>ACTIVITY: Exercise >Finding slopes of lines. >Finding slopes of horizontal and vertical lines. >Identifying parallel lines. >Modeling real life.</p> <p>EXERCISE/ASSIGNMENT: Page 152-153, Nos.9-14, 15-17, 25-27, 30, 31</p>
<p>REMARKS: Monday's activity is carried over from last week due to the scheduled school activity last Wednesday.</p>				