



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: Jan. 08 – Jan. 12, 2024

MONDAY <i>January 08, 2024</i>	TUESDAY <i>January 09, 2024</i>	WEDNESDAY <i>January 10, 2024</i>	THURSDAY <i>January 11, 2024</i>	FRIDAY <i>January 12, 2024</i>
<p>STANDARDS: 6.NS.1-4,7, 6.RP.1-3, 6.EE.1-4</p> <p>REVIEW DAY</p> <p>OBJECTIVES: *Review and refresh the concepts and skills acquired in Chapters 1 – 5 lessons.</p> <p>BELLRINGER: Write concepts or key ideas they can remember in chapter 1 – 5 lessons.</p> <p>ACTIVITY: REVIEW 1 Numerical Expressions and Factors 2 Fractions and Decimals 3 Ratios and Rates 4 Percents 5 Algebraic Expressions and Properties</p>	<p>STANDARDS: 6.NS.1-4,7, 6.RP.1-3, 6.EE.1-4</p> <p>SEMESTER TEST</p> <p>OBJECTIVES: *Apply the concepts and skills acquired in Chapters 1 – 5 lessons.</p> <p>ACTIVITY: ASSESSMENT 1 Numerical Expressions and Factors 2 Fractions and Decimals 3 Ratios and Rates 4 Percents 5 Algebraic Expressions and Properties</p>	<p>STANDARDS: 6.EE.3, 6.EE.4</p> <p>CHAPTER 5: ALGEBRAIC EXPRESSIONS AND PROPERTIES</p> <p>LESSON 5.4: The Distributive Property</p> <p>OBJECTIVES: *Explain how to apply the Distributive Property. *Use the Distributive Property to simplify algebraic expressions. *Use the Distributive Property to combine like terms.</p> <p>BELLRINGER: Review and Refresh Page 225, Nos. 4 – 7</p> <p>ACTIVITY: (Exercise) >Simplifying algebraic expressions. >Combining like terms. >Modeling real life.</p> <p>EXERCISE/ASSIGNMENT: Page 226, Nos. 36 – 43, 35, 49</p>	<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: Vocabulary Practice -factoring an expression</p> <p>ACTIVITY: (Discussion) >Factoring numerical expressions. >Factoring algebraic expressions. >Modeling real life</p> <p>EXERCISE/ASSIGNMENT: Journal Page 122, Nos.1 – 7 5.5 Puzzle Time</p>	<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>

REMARKS:



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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: Jan. 08 – Jan. 12, 2024

MONDAY <i>January 08, 2024</i>	TUESDAY <i>January 09, 2024</i>	WEDNESDAY <i>January 10, 2024</i>	THURSDAY <i>January 11, 2024</i>	FRIDAY <i>January 12, 2024</i>
<p>STANDARDS: 7.NS.1-3, 7.RP.1-3, 7.EE.3, 7.G.1</p> <p>REVIEW DAY</p> <p>OBJECTIVES: *Review and refresh the concepts and skills acquired in Chapters 1 – 4 lessons.</p> <p>BELLRINGER: Write concepts or key ideas they can remember in chapter 1 – 4 lessons.</p> <p>ACTIVITY: REVIEW 1 Adding and Subtracting Rational Numbers 2 Multiplying and Dividing Rational Numbers 3 Percents 4 Ratios and Proportions</p>	<p>STANDARDS: 7.NS.1-3, 7.RP.1-3, 7.EE.3, 7.G.1</p> <p>SEMESTER TEST</p> <p>OBJECTIVES: *Apply the concepts and skills acquired in Chapters 1 – 4 lessons.</p> <p>ACTIVITY: ASSESSMENT 1 Adding and Subtracting Rational Numbers 2 Multiplying and Dividing Rational Numbers 3 Percents 4 Ratios and Proportions</p>	<p>STANDARDS: 7.EE.1, 7.EE.2</p> <p>CHAPTER 5: EXPRESSIONS</p> <p>LESSON 5.2: Adding and Subtracting Linear Expressions</p> <p>OBJECTIVES: *Explain the difference between linear and nonlinear expressions. *Find opposites of terms that include variables. *Apply properties of operations to add and subtract linear expressions.</p> <p>BELLRINGER: Define: Linear expression</p> <p>ACTIVITY: > Adding linear expressions. >Subtracting linear expressions. >Modeling real life.</p> <p>EXERCISE/ASSIGNMENT: Page 101, Nos.10-13,19-22,18,30</p>	<p>STANDARDS: 7.EE.1, 7.EE.2</p> <p>CHAPTER 5: EXPRESSIONS</p> <p>LESSON 5.2: Adding and Subtracting Linear Expressions</p> <p>OBJECTIVES: *Explain the difference between linear and nonlinear expressions. *Find opposites of terms that include variables. *Apply properties of operations to add and subtract linear expressions.</p> <p>BELLRINGER: You be a Teacher Page 102, No.27</p> <p>ACTIVITY: Follow Up > Adding linear expressions. >Subtracting linear expressions. >Modeling real life.</p> <p>EXERCISE/ASSIGNMENT: Puzzle Time Journal Page 58, Nos. 1,2,5,6,7,10</p>	<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: Short review</p> <p>ACTIVITY: 5.1 Algebraic Expressions 5.2 Adding and Subtracting Linear Expressions</p>
<p>REMARKS:</p>				



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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: Jan. 08 – Jan. 12, 2024

MONDAY <i>January 08, 2024</i>	TUESDAY <i>January 09, 2024</i>	WEDNESDAY <i>January 10, 2024</i>	THURSDAY <i>January 11, 2024</i>	FRIDAY <i>January 12, 2024</i>
<p>STANDARDS: 9-10.GM.1-10,14-16</p> <p>REVIEW DAY</p> <p>OBJECTIVES: *Review and refresh the concepts and skills acquired in Chapters 1 – 6 lessons.</p> <p>BELLRINGER: Write concepts or key ideas they can remember in chapter 1 – 6 lessons.</p> <p>ACTIVITY: REVIEW 1 Basics of Geometry 2 Reasoning and Proofs 3 Parallel and Perpendicular Lines 4 Transformations 5 Congruent Triangles 6 Relationships within Triangles</p>	<p>STANDARDS: 9-10.GM.1-10,14-16</p> <p>SEMESTER TEST</p> <p>OBJECTIVES: *Apply the concepts and skills acquired in Chapters 1 – 6 lessons.</p> <p>ACTIVITY: ASSESSMENT 1 Basics of Geometry 2 Reasoning and Proofs 3 Parallel and Perpendicular Lines 4 Transformations 5 Congruent Triangles 6 Relationships within Triangles</p>	<p>STANDARDS: HSG-CO.10</p> <p>CHAPTER 6: RELATIONSHIPS WITHIN TRIANGLES</p> <p>LESSON 6.6: Inequalities in Two Triangles</p> <p>OBJECTIVES: *Compare measures in triangles. *Solve real-life problems using the hinge theorem.</p> <p>BELLRINGER: Warm Up Activity! Determine if there are enough information to prove that the two triangles are congruent.</p> <p>ACTIVITY: >The Hinge Theorem >Converse of the hinge theorem. >Using the hinge theorem >Solving real-life problem.</p> <p>EXERCISE/ASSIGNMENT: Pages 335-336, Nos. 1-8, 11-12,16</p>	<p>STANDARDS: HSG-CO.10, HSG-MG.1</p> <p>CHAPTER 6: RELATIONSHIPS WITHIN TRIANGLES</p> <p>LESSON 6.4 – 6.6: QUIZ</p> <p>OBJECTIVES: *Apply the concepts and skills acquired in lessons 6.4 – 6.6.</p> <p>BELLRINGER: Define the chapter vocabulary.</p> <p>ACTIVITY: QUIZ 6.4 The triangles midsegment theorem 6.5 Indirect proof and inequalities in one triangle 6.6 Inequalities in two triangles</p> <p>VOCABULARY QUIZ</p>	<p>STANDARDS: HSG-CO.10, HSG-MG.1</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>REMARKS:</p>				



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WEEKLY LESSON PLAN in MATH 8

6th Period: 1:37 – 2:29

TEACHER: MARICAR HERNANDEZ

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MONDAY <i>January 08, 2024</i>	TUESDAY <i>January 09, 2024</i>	WEDNESDAY <i>January 10, 2024</i>	THURSDAY <i>January 11, 2024</i>	FRIDAY <i>January 12, 2024</i>
<p>STANDARDS: 8.NS.1-3, 8.O.1-2, 8.EE.1-7, 8.GF.1-3 8.GF.5-6</p> <p>REVIEW DAY</p> <p>OBJECTIVES: *Review and refresh the concepts and skills acquired in Chapters 1 – 4 lessons.</p> <p>BELLRINGER: Write concepts or key ideas they can remember in chapter 1 – 4 lessons.</p> <p>ACTIVITY: REVIEW 1 Equations 2 Transformations 3 Exponents and Scientific Notation 4 Real Numbers and the Pythagorean Theorem</p>	<p>STANDARDS: 8.NS.1-3, 8.O.1-2, 8.EE.1-7, 8.GF.1-3, 8.GF.5-6</p> <p>SEMESTER TEST</p> <p>OBJECTIVES: *Apply the concepts and skills acquired in Chapters 1 – 4 lessons.</p> <p>ACTIVITY: ASSESSMENT 1 Equations 2 Transformations 3 Exponents and Scientific Notation 4 Real Numbers and the Pythagorean Theorem</p>	<p>STANDARDS: 8.NS.1-3, 8.O.1-2 8.EE.2, 8.GF.5-6</p> <p>CHAPTER 4: REAL NUMBERS AND THE PYTHAGOREAN THEOREM</p> <p>LESSON: Vocab QUIZ and Chapter Review</p> <p>OBJECTIVES: *Review the concepts and skills acquired in chapter 4 lessons.</p> <p>BELLRINGER: State the Pythagorean Theorem</p> <p>ACTIVITY: >Vocabulary QUIZ REVIEW 4.1 Finding Square Roots 4.2 The Pythagorean Theorem 4.3 Finding Cube Roots 4.4 Rational Numbers 4.5 Irrational Numbers 4.6 The Converse of the Pythagorean Theorem</p>	<p>STANDARDS: 8.NS.1-3, 8.O.1-2 8.EE.2, 8.GF.5-6</p> <p>CHAPTER 4: REAL NUMBERS AND THE PYTHAGOREAN THEOREM</p> <p>LESSON: Chapter Test</p> <p>OBJECTIVES: *Apply the concepts and skills acquired in chapter 4 lessons.</p> <p>BELLRINGER: State the Converse of the Pythagorean Theorem</p> <p>ACTIVITY: ASSESSMENT 4.1 Finding Square Roots 4.2 The Pythagorean Theorem 4.3 Finding Cube Roots 4.4 Rational Numbers 4.5 Irrational Numbers 4.6 The Converse of the Pythagorean Theorem</p>	<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>REMARKS:</p>				



Edmore Public School

706 Main St, Edmore, ND 58330

WEEKLY LESSON PLAN

in ALGEBRA 1

7th Period: 2:32 – 3:25

TEACHER: MARICAR HERNANDEZ

Week of: Jan. 08 – Jan. 12, 2024

MONDAY <i>January 08, 2024</i>	TUESDAY <i>January 09, 2024</i>	WEDNESDAY <i>January 10, 2024</i>	THURSDAY <i>January 11, 2024</i>	FRIDAY <i>January 12, 2024</i>
<p>STANDARDS: 9-10.AR.7-9</p> <p>CHAPTER 5: SOLVING SYSTEMS OF LINEAR EQUATIONS</p> <p>LESSONS 5.5 – 5.7: End – Chapter QUIZ</p> <p>OBJECTIVES: *Apply the concepts and skills acquired in lessons 5.5 – 5.7.</p> <p>BELLRINGER: Short Review</p> <p>ACTIVITY: QUIZ 5.5 Solving Equations by Graphing 5.6 Graphing Linear Inequalities in Two Variables 5.7 Systems of Linear Inequalities</p>	<p>STANDARDS: 9-10.AR.7-9</p> <p>CHAPTER 5: SOLVING SYSTEMS OF LINEAR EQUATIONS</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 words.</p> <p>ACTIVITY: >Vocabulary Quiz REVIEW 5.1 Solving System of Linear Equations by Graphing 5.2 Solving System of Linear Equations by Substitution 5.3 Solving System of Linear Equations by Elimination 5.4 Solving Special Systems of Linear Equations 5.5 Solving Equations by Graphing 5.6 Graphing Linear Inequalities in Two Variables 5.7 Systems of Linear Inequalities</p>	<p>STANDARDS: 9-10.AR.7-9</p> <p>CHAPTER 5: SOLVING SYSTEMS OF LINEAR EQUATIONS</p> <p>LESSON: Chapter Test</p> <p>OBJECTIVES: *Apply the concepts and skills acquired in Chapter 5 lessons.</p> <p>BELLRINGER: Define the vocabulary in your own words.</p> <p>ACTIVITY: ASSESSMENT 5.1 Solving System of Linear Equations by Graphing 5.2 Solving System of Linear Equations by Substitution 5.3 Solving System of Linear Equations by Elimination 5.4 Solving Special Systems of Linear Equations 5.5 Solving Equations by Graphing 5.6 Graphing Linear Inequalities in Two Variables 5.7 Systems of Linear Inequalities</p>	<p>STANDARDS: 9-10.NO.1</p> <p>CHAPTER 6: EXPONENTIAL FUNCTIONS AND SEQUENCES</p> <p>LESSON: Chapter Opener</p> <p>OBJECTIVES: *Review prerequisite concepts and skills in chapter 6.</p> <p>BELLRINGER: Vocabulary Practice *Exponential Function</p> <p>ACTIVITY: >Watch the STEM Video: National Geographic Explorer by Nathan D. Wolfe >Review: -using order of operations -finding square roots -writing equations for arithmetic sequences</p> <p>PRACTICE EXERCISE: Page 298, Nos. 1 – 10</p>	<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>REMARKS:</p>				