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: Dec. 11 – Dec. 15, 2023

MONDAY *December 11, 2023*	TUESDAY *December 12, 2023*	WEDNESDAY *December 13, 2023*	THURSDAY *December 14, 2023*	FRIDAY *December 15, 2023*
STANDARDS: 6.EE.2b, 6.EE.2c **CHAPTER 5: ALGEBRAIC EXPRESSIONS AND PROPERTIES** **LESSON 5.1: Algebraic Expressions** **OBJECTIVES:** *Identify parts of an algebraic expression. *Evaluate algebraic expressions with one or more variables. *Evaluate algebraic expressions with one or more operations. **BELLRINGER:** Review and refresh Page 206, Nos. 1 – 3 **ACTIVITY:** >Watch STEAM Video. >Getting ready for chapter 5. >Exploration 1: Evaluating Expressions. **EXERCISE/ASSIGNMENT:** Page 206, Nos. 10 – 13	**STANDARDS: 6.EE.2b, 6.EE.2c** **CHAPTER 5: ALGEBRAIC EXPRESSIONS AND PROPERTIES** **LESSON 5.1: Algebraic Expressions** **OBJECTIVES:** *Identify parts of an algebraic expression. *Evaluate algebraic expressions with one or more variables. *Evaluate algebraic expressions with one or more operations. **BELLRINGER:** Cumulative Practice: Dividing Fractions **ACTIVITY:** >Identifying parts of an algebraic expression. >Writing algebraic expressions using exponents. >Evaluating algebraic expressions. **EXERCISE/ASSIGNMENT:** Puzzle Time 5.1	**STANDARDS: 6.EE.2b, 6.EE.2c** **CHAPTER 5: ALGEBRAIC EXPRESSIONS AND PROPERTIES** **LESSON 5.1: Algebraic Expressions** **OBJECTIVES:** *Identify parts of an algebraic expression. *Evaluate algebraic expressions with one or more variables. *Evaluate algebraic expressions with one or more operations. **BELLRINGER:** Vocabulary Practice: Algebraic expression **ACTIVITY:** >Evaluating an expression with two variables. >Evaluating expressions with two operations. >Modeling real life. **EXERCISE/ASSIGNMENT:** Page 206, Nos. 14-19, 22-27, 31,35, 38,43,46,47,51,54,61	**STANDARDS: 6.EE.2a** **CHAPTER 5: ALGEBRAIC EXPRESSIONS AND PROPERTIES** **LESSON 5.2: Writing Expressions** **OBJECTIVES:** *Write numerical expressions. *Write algebraic expressions. *Write and evaluate algebraic expressions that represent real-life problems. **BELLRINGER:** Vocabulary Practice: Write what you know about this word. "variable" **ACTIVITY:** >Writing numerical expressions. >Writing algebraic expressions. **EXERCISE/ASSIGNMENT:** Page 213, Nos. 14-27	**STANDARDS: 6.EE.2a** **CHAPTER 5: ALGEBRAIC EXPRESSIONS AND PROPERTIES** **LESSON 5.2: Writing Expressions** **OBJECTIVES:** *Write numerical expressions. *Write algebraic expressions. *Write and evaluate algebraic expressions that represent real-life problems. **BELLRINGER:** Review and Refresh Page 213, Nos. 1-3 **ACTIVITY:** >Writing algebraic expressions. >Modeling real life. **EXERCISE/ASSIGNMENT:** Page 213-214, Nos. 28-30, 31-34, 35-36, 39-41

REMARKS:

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: Dec. 11 – Dec. 15, 2023

MONDAY *December 11, 2023*	TUESDAY *December 12, 2023*	WEDNESDAY *December 13, 2023*	THURSDAY *December 14, 2023*	FRIDAY *December 15, 2023*
STANDARDS: 7. RP.2a-d CHAPTER 4: RATIOS AND PROPORTIONS LESSON 4.5: Graphs of Proportional Relationships OBJECTIVES: *Determine whether quantities are proportional using a graph. *Find the unit rate of a proportional relationship using a graph. *Create equations to represent proportional relationships. BELLRINGER: Vocabulary Practice -constant of proportionality ACTIVITY: (Discussion) >Determining whether two quantities are proportional. >Finding a unit rate from a graph. >Modeling real life. EXERCISE/ASSIGNMENT: Practice 5.5 Student Journal 5.5 Puzzle Time	STANDARDS: 7. RP.2a-d CHAPTER 4: RATIOS AND PROPORTIONS LESSON 4.5: Graphs of Proportional Relationships OBJECTIVES: *Determine whether quantities are proportional using a graph. *Find the unit rate of a proportional relationship using a graph. *Create equations to represent proportional relationships. BELLRINGER: Review and Refresh Page 215, Nos. 1 – 3 ACTIVITY: (Exercise) >Determining whether two quantities are proportional. >Finding a unit rate from a graph. >Modeling real life. EXERCISE/ASSIGNMENT: Page 215 – 216, Nos. 14-17, 21-22, 23-24, 30-31	STANDARDS: 7.G.1 CHAPTER 4: RATIOS AND PROPORTIONS LESSON 4.6: Scale Drawing OBJECTIVES: *Find an actual distance in a scale drawing. *Explain the meaning of scale and scale factor. *Use a scale drawing to find the actual lengths and areas of real-life objects. BELLRINGER: Vocabulary Practice *scale ACTIVITY: >Finding an actual distance. >Finding a scale factor. >Modeling real life. EXERCISE/ASSIGNMENT: Page 221, Nos. 15 – 19, 20,21,23	STANDARDS: 7. RP.3, 7. RP.2a-d 7.G.1 CHAPTER 4: RATIOS AND PROPORTIONS LESSONS 4.4 – 4.6: End – Chapter QUIZ OBJECTIVES: *Find an actual distance in a scale drawing. *Explain the meaning of scale and scale factor. *Use a scale drawing to find the actual lengths and areas of real-life objects. BELLRINGER: Short Review ACTIVITY: QUIZ 4.4 Writing and Solving Proportions 4.5 Graphs of Proportional Relationships 4.6 Scale Drawings	STANDARDS: 7. RP.1,3, 7. RP.2a-d 7.G.1 CHAPTER 4: RATIOS AND PROPORTIONS LESSON: Vocabulary QUIZ and Chapter Review OBJECTIVES: *Review the concepts and skills acquired in chapter 4 lessons. BELLRINGER: Short Review (Vocabulary) ACTIVITY: >Vocabulary QUIZ REVIEW 4.1 Ratios and Ratio Tables 4.2 Rates and Unit Rates 4.3 Identifying Proportional Relationships 4.4 Writing and Solving Proportions 4.5 Graphs of Proportional Relationships 4.6 Scale Drawings

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: Dec. 11 – Dec. 15, 2023

MONDAY *December 11, 2023*	TUESDAY *December 12, 2023*	WEDNESDAY *December 13, 2023*	THURSDAY *December 14, 2023*	FRIDAY *December 15, 2023*
STANDARDS: HSG-CO.12, HSG-C.3, HSG-MG.1, HSG-MG.3 **CHAPTER 6: RELATIONSHIPS WITHIN TRIANGLES** **LESSON 6.2: Bisectors of Triangles** **OBJECTIVES:** *Find the circumcenter and incenter of a triangle. *Circumscribe a circle about a triangle. *Inscribe a circle within a triangle. *Use points of concurrency to solve real-life problems. **BELLRINGER:** Warm Up Activity Bisecting a segment and angle. **ACTIVITY:** >Using the circumcenter of a triangle. >Modeling real-life. >Circumscribing a circle about a triangle >Finding the circumcenter of a triangle. **EXERCISE/ASSIGNMENT:** Page 305, Nos. 1-4, 5 – 10	**STANDARDS: HSG-CO.12, HSG-C.3, HSG-MG.1, HSG-MG.3** **CHAPTER 6: RELATIONSHIPS WITHIN TRIANGLES** **LESSON 6.2: Bisectors of Triangles** **OBJECTIVES:** *Find the circumcenter and incenter of a triangle. *Circumscribe a circle about a triangle. *Inscribe a circle within a triangle. *Use points of concurrency to solve real-life problems. **BELLRINGER:** Define "incenter". **ACTIVITY:** >Using the incenter of a triangle. >Inscribing a circle within a triangle. >Modeling real life **EXERCISE/ASSIGNMENT:** Page 305, Nos. 11-14, 27	**STANDARDS: HSG-CO.10** **CHAPTER 6: RELATIONSHIPS WITHIN TRIANGLES** **LESSON 6.3: Medians and Altitudes of Triangles** **OBJECTIVES:** *Draw medians and altitudes of triangles. *Find the centroid of a triangle. *Find the orthocenter of a triangle. **BELLRINGER:** Warm Up Activity! Lines of symmetry **ACTIVITY:** >Using the median of a triangle. >Finding the centroid of a triangle. >Using the centroid of a triangle. **EXERCISE/ASSIGNMENT:** Page 314, Nos. 1-16	**STANDARDS: HSG-CO.10** **CHAPTER 6: RELATIONSHIPS WITHIN TRIANGLES** **LESSON 6.3: Medians and Altitudes of Triangles** **OBJECTIVES:** *Draw medians and altitudes of triangles. *Find the centroid of a triangle. *Find the orthocenter of a triangle. **BELLRINGER:** Define: median of a triangle, centroid, altitude of a triangle, orthocenter **ACTIVITY:** >Using the altitude of a triangle. >Finding the orthocenter of a triangle. **EXERCISE/ASSIGNMENT:** Page 314, Nos. 17-20 Page 315, Nos. 27-35	**STANDARDS: HSG-CO.12,10 HSG-C.3, HSG-MG.1, HSG-MG.3** **CHAPTER 6: RELATIONSHIPS WITHIN TRIANGLES** **LESSON 6.1 – 6.3: QUIZ** **OBJECTIVES:** *Apply the concepts and skills acquired in lessons 6.1 – 6.3. **BELLRINGER:** Concept Summary Review **ACTIVITY:** QUIZ 6.1 Perpendicular and angle bisectors 6.2 Bisectors of triangles 6.3 Medians and altitudes of triangles

REMARKS:

Edmore Public School

706 Main St, Edmore, ND 58330

WEEKLY LESSON PLAN
in MATH 8
6th Period: 1:37 – 2:29

TEACHER: MARICAR HERNANDEZ

Week of: Dec. 11 – Dec. 15, 2023

MONDAY December 11, 2023	TUESDAY December 12, 2023	WEDNESDAY December 13, 2023	THURSDAY December 14, 2023	FRIDAY December 15, 2023
STANDARDS: 8.EE.2	STANDARDS: 8.EE.2	STANDARDS: 8.NS.1	STANDARDS: 8.NS.1	STANDARDS: 8.NS.2
CHAPTER 4: REAL NUMBERS AND THE PYTHAGOREAN THEOREM	CHAPTER 4: REAL NUMBERS AND THE PYTHAGOREAN THEOREM	CHAPTER 4: REAL NUMBERS AND THE PYTHAGOREAN THEOREM	CHAPTER 4: REAL NUMBERS AND THE PYTHAGOREAN THEOREM	CHAPTER 4: REAL NUMBERS AND THE PYTHAGOREAN THEOREM
LESSON 4.3: Finding Cube Roots	LESSONS 4.1 – 4.3: Mid–Chapter QUIZ	LESSON 4.4: Rational Numbers	LESSON 4.4: Rational Numbers	LESSON 4.5: Irrational Numbers
OBJECTIVES: *Find cube roots of numbers. *Evaluate expressions involving cube roots. *Use cube roots to solve equations.	**OBJECTIVES:** *Apply the concepts and skills acquired in lessons 4.1 – 4.3.	**OBJECTIVES:** *Explain the meaning of rational numbers. *Write fractions and mixed numbers as decimals. *Write repeating decimals as fractions or mixed numbers.	**OBJECTIVES:** *Explain the meaning of rational numbers. *Write fractions and mixed numbers as decimals. *Write repeating decimals as fractions or mixed numbers.	**OBJECTIVES:** *Classify real numbers as rational or irrational. *Approximate irrational numbers. *Solve real-life problems involving irrational numbers.
BELLRINGER: Review and Refresh Page 393, Nos. 1 and 2	**BELLRINGER:** Warm Up Activity: Evaluate $\sqrt{225}$, $\sqrt[3]{64}$, $\sqrt{\frac{4}{25}}$, $\sqrt{1.21}$	**BELLRINGER:** Prerequisite Skills Practice	**BELLRINGER:** Review and Refresh Page 399, Nos. 1 – 3	**BELLRINGER:** Prerequisite Skills Practice
ACTIVITY: >Solving equations using cube roots. >Modeling real life.	**ACTIVITY:** QUIZ 4.1 Finding Square Roots 4.2 The Pythagorean Theorem 4.3 Finding Cube Roots	**ACTIVITY: (Discussions)** >Writing fractions and mixed numbers as decimals. >Writing repeating decimals as a fraction. >Modeling real life.	**ACTIVITY: (Exercise)** >Writing fractions and mixed numbers as decimals. >Writing repeating decimals as a fraction. >Modeling real life.	**ACTIVITY: (Discussions)** >Classifying real numbers. >Approximating an irrational number. >Comparing irrational numbers. >Using the Pythagorean Theorem. >Modeling real life.
EXERCISE/ASSIGNMENT: Page 394, 22 – 29, 36		**EXERCISE/ASSIGNMENT:** Practice 9.4 Student Journal Puzzle Time 9.4	**EXERCISE/ASSIGNMENT:** Page 399, Nos. 10,11,12,17,18,19, 26,27,28	**EXERCISE/ASSIGNMENT:** Practice 9.5 Student Journal Puzzle Time 9.5

REMARKS:

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: Dec. 11 – Dec. 15, 2023

MONDAY *December 11, 2023*	TUESDAY *December 12, 2023*	WEDNESDAY *December 13, 2023*	THURSDAY *December 14, 2023*	FRIDAY *December 15, 2023*
STANDARDS: HSA-CED.3, HSA-REI.6 CHAPTER 5: SOLVING SYSTEMS OF LINEAR EQUATIONS LESSON 5.3: Solving System of Linear Equations by Elimination OBJECTIVES: *Add or subtract linear equations. *Solve a system of linear equations by elimination. *Explain why the elimination method produces a valid solution. *Solve real-life problems using elimination. BELLRINGER: *Cumulative Practice*: Identify linear and nonlinear equations. *Prerequisite Skills Practice*: Simplify expressions. ACTIVITY: >Solving a system of linear equations by elimination. >Modeling real life. EXERCISE/ASSIGNMENT: Page 261, Nos.1,3,10,11,17,18,21	STANDARDS: HSA-CED.3, HSA-REI.6 CHAPTER 5: SOLVING SYSTEMS OF LINEAR EQUATIONS LESSON 5.4: Solving Special System of Linear Equations OBJECTIVES: *Determine the number of solutions of a system. *Solve a system of linear equations with any number of solutions. BELLRINGER: *Cumulative Practice*: Write equation that is parallel to a given line. *Prerequisite Skills Practice*: Solve the equation. ACTIVITY: >Solving a system: No solution. >Solving a system: Infinitely many solutions. >Modeling real life. EXERCISE/ASSIGNMENT: Page 267, Nos. 1,3,11,13,19,20 .	STANDARDS: HSA-CED.3, HSA-REI.6 CHAPTER 5: SOLVING SYSTEMS OF LINEAR EQUATIONS LESSONS 5.1 – 5.4: Mid–Chapter QUIZ OBJECTIVES: *Apply the concepts and skills acquired in lessons 5.1 – 5.4. BELLRINGER: Short Review ACTIVITY: QUIZ 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 System of Linear Equations	STANDARDS: HSA-CED.3, HSA-REI.11 CHAPTER 5: SOLVING SYSTEMS OF LINEAR EQUATIONS LESSON 5.5: Solving Equations by Graphing OBJECTIVES: *Solve a linear equation by graphing. *Solve an absolute value equation by graphing. *Explain why the x-coordinate of a point where y=f(x) and y=g(x) intersect is a solution of f(x)=g(x). BELLRINGER: *Cumulative Practice*: Identifying linear and nonlinear functions given the graphs. ACTIVITY: >Solving linear equations by graphing. >Solving an absolute value equation by graphing. >Modeling real life. EXERCISE/ASSIGNMENT: Page 273, Nos. 3,4,11,14,16,17, 31,32	STANDARDS: HSA-CED.3, HSA-REI.12 CHAPTER 5: SOLVING SYSTEMS OF LINEAR EQUATIONS LESSON 5.6: Graphing Linear Inequalities in Two Variables OBJECTIVES: *Determine whether an ordered pair is a solution of a linear inequality in two variables. *Graph linear inequalities in two variables. *Interpret solutions of a linear inequality in two variables in a real-life situation. BELLRINGER: *Prerequisite Practice Skills*: Tell whether the value is a solution to the inequality. ACTIVITY: >Checking solutions. >Graphing a linear inequality in two variables. >Graphing a linear inequality in two variables. >Modeling real life. EXERCISE/ASSIGNMENT: Page 279, Nos, 3,4,9-12,15,17,25,31,32

REMARKS: