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: Sept.18 – Sep.22, 2023

MONDAY *September 18, 2023*	TUESDAY *September 19, 2023*	WEDNESDAY *September 20, 2023*	THURSDAY *September 21, 2023*	FRIDAY *September 22, 2023*
STANDARDS: 6.NS.B.4 **CHAPTER 1: NUMERICAL EXPRESSIONS AND FACTORS** **LESSON 1.5: Least Common Multiple** *Explain the meaning of multiples of a number. *Use lists of multiples to identify the least common multiple of numbers. *Use prime factors to identify the least common multiple of numbers. **BELLRINGER:** Review and Refresh Page 31, Nos. 1 – 3 **ACTIVITY:** **Discussion** >Finding the LCM of three numbers. >Modeling real life. **EXERCISE/ASSIGNMENT:** Page 31, Nos. 33, 35, 36, 38, 41	**STANDARDS:** **CHAPTER 1: NUMERICAL EXPRESSIONS AND FACTORS** **LESSONS 1.3 – 1.5: END Chapter QUIZ** **OBJECTIVES:** *Apply the concepts and skills acquired in lessons 1.3 – 1.5. **BELLRINGER:** Short review **ACTIVITY:** **QUIZ** 1.3 Prime Factorization 1.4 Greatest Common Factor 1.5 Least Common Multiple	**STANDARDS:** **CHAPTER 1: NUMERICAL EXPRESSIONS AND FACTORS** **LESSON: Chapter Review and Vocabulary Check** **OBJECTIVES:** *Review the concepts and skills acquired in chapter 1 lessons. **BELLRINGER:** A short review on vocabulary. **ACTIVITY:** **Quiz** >Vocabulary **Review** 1.1 Powers and Exponents 1.2 Orders of Operations 1.3 Prime Factorization 1.4 Greatest Common Factor 1.5 Least Common Multiple	**STANDARDS:** **CHAPTER 1: NUMERICAL EXPRESSIONS AND FACTORS** **LESSON: Chapter Test** **OBJECTIVES:** *Apply the concepts and skills acquired in chapter 1 lessons. **BELLRINGER:** Short review **ACTIVITY:** **Assessment** 1.3 Powers and Exponents 1.4 Orders of Operations 1.3 Prime Factorization 1.4 Greatest Common Factor 1.5 Least Common Multiple	**STANDARDS:** **CHAPTER 1: NUMERICAL EXPRESSIONS AND FACTORS** **LESSON: Performance Task "Setting the Table"** **OBJECTIVES:** *The student will identify common factors. *The student will find greatest common factors. **BELLRINGER:** What is a fundraiser event? **ACTIVITY:** The student will find the greatest common factor of four numbers in order to determine the setup of tables and centerpieces for a fundraiser. Then, the student will explore how changing a number impacts their calculations.

REMARKS: Monday and Tuesday's activities are carried over from last week due to the Eco-Day(Tuesday) and Educational Field Trip(Thursday).

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: Sept.18 – Sep.22, 2023

MONDAY *September 18, 2023*	TUESDAY *September 19, 2023*	WEDNESDAY *September 20, 2023*	THURSDAY *September 21, 2023*	FRIDAY *September 22, 2023*
STANDARDS: **CHAPTER 1: ADDING AND SUBTRACTING RATIONAL NUMBERS** **LESSONS 1.4 – 1.5: END CHAPTER QUIZ** **OBJECTIVES:** *Apply the concepts and skills acquired in lessons 1.4 – 1.5. **BELLRINGER:** Short Review **ACTIVITY:** **Quiz** 1.4 Subtracting Integers 1.5 Subtracting Rational Numbers	**STANDARDS:** **CHAPTER 1: ADDING AND SUBTRACTING RATIONAL NUMBERS** **LESSON: Vocabulary Quiz and Chapter Review** **OBJECTIVES:** *Review the concepts and skills acquired in chapter 1. **BELLRINGER:** Vocabulary review. **ACTIVITY:**. **Quiz** >Vocabulary **Review** 1.1 Rational Numbers 1.2 Adding Integers 1.3 Adding Rational Numbers 1.4 Subtracting Integers 1.5 Subtracting Rational Numbers	**STANDARDS:** **CHAPTER 1: ADDING AND SUBTRACTING RATIONAL NUMBERS** **LESSON: Chapter Test** **OBJECTIVES:** *Apply the concepts and skills acquired in chapter 1. **BELLRINGER:** Recap **ACTIVITY:**. **Assessment** 1.1 Rational Numbers 1.2 Adding Integers 1.3 Adding Rational Numbers 1.4 Subtracting Integers 1.5 Subtracting Rational Numbers	**STANDARDS:** **CHAPTER 1: ADDING AND SUBTRACTING RATIONAL NUMBERS** **LESSON: Playing DAMATH** **OBJECTIVES:** * Master basic mathematical skills. * Enhance mental math skills. **BELLRINGER:** Search on the brief historical background of the game. **ACTIVITY:** **Playing "DAMATH"**	**STANDARDS: 7.NS.2a, 7.NS.2c, 7.NS.3** **CHAPTER 2: MULTIPLYING AND DIVIDING RATIONAL NUMBERS** **LESSON 2.1: Multiplying Integers** **OBJECTIVES:** *Explain the rules for multiplying integers. *Find products of integers with the same sign. *Find products of integers with different signs. **BELLRINGER:** Review and Refresh Page 53, No.1 & 3 **ACTIVITY:** >Watch the steam video. >Lesson exploration. Understanding products involving negative integers. >Multiplying integers. >Evaluating expressions. >Modeling real life. **EXERCISE/ASSIGNMENT:** Page 53, Nos.12,13,15,16,21,25,28, 29,30,33,36,39

REMARKS: Monday and Tuesday's activities are carried over from last week due to the Eco-Day(Tuesday) and Educational Field Trip(Thursday).

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: Sept.18 – Sep.22, 2023

MONDAY *September 18, 2023*	TUESDAY *September 19, 2023*	WEDNESDAY *September 20, 2023*	THURSDAY *September 21, 2023*	FRIDAY *September 22, 2023*
STANDARDS: **CHAPTER 1: BASICS OF GEOMETRY** **LESSON: Chapter Test** **OBJECTIVES:** *Apply the concepts and skills acquired in chapter 1. **BELLRINGER:** Recap **ACTIVITY:**. ASSESSMENT 1.1 Points, Lines and Planes 1.2 Measuring and Constructing Segments 1.3 Using Midpoint and Distance Formulas 1.4 Perimeter and Area in the Coordinate Plane 1.5 Measuring and Constructing Angles 1.6 Describing Pairs of Angles	**STANDARDS: HS.G-CO.1** **CHAPTER 1: BASICS OF GEOMETRY** **LESSON: Performance Task "Bridges"** **OBJECTIVES:** *Use the Segment Addition Postulate. *Find lengths of segments. *Find the midpoint of a segment. *Find perimeters of polygons in the coordinate plane. *Identify complementary and supplementary angles. *Find angle measures in pairs of angles. **BELLRINGER:** Research about the Golden Gate Bridge in San Francisco, California, and how it is constructed. **ACTIVITY:** This task applies basic geometric concepts included in the chapter to the construction of different types of bridges.	**STANDARDS: HS.G-CO.9, HS.G-CO.10, HS.G-CO.11** **CHAPTER 2: REASONING AND PROOFS** **LESSON 2.1: Conditional Statements** **OBJECTIVES:** *Write conditional statements. *Write biconditional statements. *Determine if conditional statements are true by using truth tables. **BELLRINGER:** Define: Conditional Statement **ACTIVITY:** >Rewriting a statement in If-Then form. >Writing a negation. >Writing related conditional statements. **EXERCISE/ASSIGNMENT:** Page 69, Nos. 2,4,5,6,7,11,12,15,17, 21,22,16	**STANDARDS: HS.G-CO.9, HS.G-CO.10, HS.G-CO.11** **CHAPTER 2: REASONING AND PROOFS** **LESSON 2.1: Conditional Statements** **OBJECTIVES:** *Write conditional statements. *Write biconditional statements. *Determine if conditional statements are true by using truth tables. **BELLRINGER:** Error Analysis Page 70, Nos. 41 and 42 **ACTIVITY:** >Using definitions. >Writing a biconditional statement. >Making a truth tables. **EXERCISE/ASSIGNMENT:** Page 69, Nos. 24,25,27,30,37,45-48	**STANDARDS: HS.G-CO.9, HS.G-CO.10, HS.G-CO.11** **CHAPTER 2: REASONING AND PROOFS** **LESSON 2.2: Inductive and Deductive Reasoning** **OBJECTIVES:** *Use inductive reasoning to make conjectures. *Use deductive reasoning to verify conjectures. *Distinguish between inductive and deductive reasoning. **BELLRINGER:** Define:conjecture Inductive and deductive reasoning **ACTIVITY:** >Describing a visual pattern. >Making and testing a conjecture. >Finding a counterexample. >Using the law of detachment. **EXERCISE/ASSIGNMENT:** Page 78, Nos. 2,3,5,7,8,9,11,13,15, 16,17

REMARKS: Monday's activity is carried over from last week due to the Educational Field Trip (Thursday).

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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: Sept.18 – Sep.22, 2023

MONDAY ***September 18, 2023***	**TUESDAY** ***September 19, 2023***	**WEDNESDAY** ***September 20, 2023***	**THURSDAY** ***September 21, 2023***	**FRIDAY** ***September 22, 2023***
STANDARDS: **CHAPTER 1: EQUATIONS** **LESSON: Vocabulary Quiz and Chapter Review** **OBJECTIVES:** *Review the concepts and skills acquired in Chapter 1. **BELLRINGER:** Vocabulary review **ACTIVITY:** **QUIZ** Vocabulary **CHAPTER REVIEW** 1.1 Solving Simple Equations 1.2 Solving Multi-Step Equations 1.3 Solving Equations with Variables on Both Sides 1.4 Rewriting Equations and Formulas	**HISTORIC FIELD TRIP**	**STANDARDS:** **CHAPTER 1: EQUATIONS** **LESSON: Chapter Test** **OBJECTIVES:** *Apply the concepts and skills acquired in Chapter 1. **BELLRINGER:** Recap **ACTIVITY:** ASSESSMENT 1.1 Solving Simple Equations 1.2 Solving Multi-Step Equations 1.3 Solving Equations with Variables on Both Sides 1.4 Rewriting Equations and Formulas	**STANDARDS: 8.EE.C.7** **CHAPTER 1: EQUATIONS** **LESSON: Performance Task "Target Heart Rates"** **OBJECTIVES:** *The student will use inverse operations to solve multi-step equations. *The student will use the Distributive Property to solve multi-step equations. **BELLRINGER:** Find your resting heart rate by counting your pulse for 60 seconds. **ACTIVITY:** >Students will apply the skills they know to write and solve linear equations. The students will be introduced to solving a system of linear equations.	**STANDARDS:** **CHAPTER 1: EQUATIONS** **LESSON: Playing DAMATH** **OBJECTIVES:** * Master basic mathematical skills. * Enhance mental math skills. **BELLRINGER:** Search on the brief historical background of the game. **ACTIVITY:** **Playing "DAMATH"**

REMARKS: Monday's activity is carried over from last week due to the Educational Field Trip (Thursday).

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: Sept.18 – Sep.22, 2023

MONDAY *September 18, 2023*	TUESDAY *September 19, 2023*	WEDNESDAY *September 20, 2023*	THURSDAY *September 21, 2023*	FRIDAY *September 22, 2023*
STANDARDS: HAS.CED.A.4 **CHAPTER 1: SOLVING LINEAR EQUATIONS** **LESSON 1.7: Rewriting Equations and Formulas** **OBJECTIVES:** *Identify a literal equation. *Use properties of equality to rewrite literal equations. *Use rewritten formulas to solve problems. **BELLRINGER:** Error Analysis Page 50, Nos. 23 and 24 **ACTIVITY:** >Rewriting the formula for temperature. >Modeling real life. **EXERCISE/ASSIGNMENT:** Page 50, Nos. 25-32,34-37	**STANDARDS:** **CHAPTER 1: SOLVING LINEAR EQUATIONS** **LESSONS 1.5 – 1.7: End Chapter QUIZ** **OBJECTIVES:** *Apply concepts and skills acquired in lessons 1.5 – 1.7. **BELLRINGER:** Short review **ACTIVITY:** **QUIZ** 1.1 Solving Equations with Variables on Both Sides 1.2 Solving Absolute Value Equations 1.3 Rewriting Equations and Formulas	**STANDARDS:** **CHAPTER 1: SOLVING LINEAR EQUATIONS** **LESSON: Vocabulary Quiz and Chapter Review** **OBJECTIVES:** *Review concepts and skills acquired in chapter 1 lessons. **BELLRINGER:** Vocabulary review **ACTIVITY:** **Quiz** >Vocabulary **Review** 1.1 Solving Linear Equations 1.2 Solving Multi-Step Equations 1.3 Modeling Quantities 1.4 Accuracy with Measurements 1.5 Solving Equations with Variables on Both Sides 1.6 Solving Absolute Value Equations 1.7 Rewriting Equations and Formulas	**STANDARDS:** **CHAPTER 1: SOLVING LINEAR EQUATIONS** **LESSON: Chapter Test** **OBJECTIVES:** *Apply concepts and skills acquired in chapter 1 lessons. **BELLRINGER:** Recap **ACTIVITY:** **Assessment** 1.1 Solving Linear Equations 1.2 Solving Multi-Step Equations 1.3 Modeling Quantities 1.4 Accuracy with Measurements 1.5 Solving Equations with Variables on Both Sides 1.6 Solving Absolute Value Equations 1.7 Rewriting Equations and Formulas	**STANDARDS:** **CHAPTER 1: SOLVING LINEAR EQUATIONS** **LESSON: Performance Task "Magic of Mathematics"** **OBJECTIVES:** *Create equations in one variable to focus on a quantity of interest. *Justify each step in solving a simple equation. *Solve linear equations in one variable. **BELLRINGER:** Answer the magic trick. **ACTIVITY:** There are two algebra magic problems through which the student should work with a partner(teacher), using algebra to prove why each problem works. Then the student creates her own magic problem by working backward and then testing it with their peers.

REMARKS: