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: Feb. 19 - 23, 2024

MONDAY *February 19, 2024*	TUESDAY *February 20, 2024*	WEDNESDAY *February 21, 2024*	THURSDAY *February 22, 2024*	FRIDAY *February 23, 2024*
STANDARDS: 6.GM.AV.1 **CHAPTER 7: AREA, SURFACE AREA AND VOLUME** **LESSON 7.3: Areas of Trapezoids and Kites** **OBJECTIVES:** *Explain how the area of a parallelogram is used to find the area of a trapezoid. *Decompose trapezoids and kites into smaller shapes. *Use decomposition to find the area of a figure. *Use the bases and the height of a trapezoid to find its area. **BELLRINGER:** Review and Refresh Page 302, No. 7 **ACTIVITY:** >Finding areas of trapezoids and kites. >Finding areas of trapezoids using the formula. **EXERCISE/ASSIGNMENT:** Page 302, 11 – 16, 17 – 19	**STANDARDS: 6.GM.AV.1** **CHAPTER 7: AREA, SURFACE AREA AND VOLUME** **LESSON 7.3: Areas of Trapezoids and Kites** **OBJECTIVES:** *Explain how the area of a parallelogram is used to find the area of a trapezoid. *Decompose trapezoids and kites into smaller shapes. *Use decomposition to find the area of a figure. *Use the bases and the height of a trapezoid to find its area. **BELLRINGER:** You Be The Teacher Page 303, No.20 **ACTIVITY:** >Finding the area of a composite figure. >Modeling real life. **EXERCISE/ASSIGNMENT:** Page 303, Nos. 22, 25,26,32	**STANDARDS: 6.GM.AV.1** **CHAPTER 7: AREA, SURFACE AREA AND VOLUME** **LESSONS 7.1 – 7.3: Mid – Chapter QUIZ** **OBJECTIVES:** *Apply the concepts and skills acquired in lessons 7.1 – 7.3. **BELLRINGER:** Write the formula for finding the area of parallelogram, triangle, trapezoid, and kite. **ACTIVITY:** QUIZ 7.1 Areas of Parallelograms 7.2 Areas of Triangles 7.3 Areas of Trapezoids and Kites	**STANDARDS: 6.GM.AV.1** **CHAPTER 7: AREA, SURFACE AREA AND VOLUME** **LESSON 7.4: Three–Dimensional Figures** **OBJECTIVES:** *Find the numbers of faces, edges, and vertices of a three-dimensional figure. *Draw prisms and pyramids. *Draw the front, side, and top views of a three-dimensional figure. **BELLRINGER:** Review and Refresh Page 309, No. 1 **ACTIVITY:** >Finding the numbers of faces, edges, and vertices. >Drawing solids, >Modeling real life. **EXERCISE/ASSIGNMENT:** Page 309, Nos. 14 – 16 Page 310, Nos. 23-25, 27,28	**STANDARDS: 6.GM.AV.1** **CHAPTER 7: AREA, SURFACE AREA AND VOLUME** **LESSON 7.5: Surface Areas of Prisms** **OBJECTIVES:** *Draw nets to represent prisms. *Use nets to find surface areas of prisms. *Use a formula to find the surface area of a cube. *Apply surface areas of prisms to solve real-life problems. **BELLRINGER:** Review and Refresh Page 316, No. 1 **ACTIVITY:** >Finding the surface area of a rectangular prisms> Modeling real life. **EXERCISE/ASSIGNMENT:** Page 316, Nos. 18 – 23

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: Feb. 19 - 23, 2024

MONDAY *February 19, 2024*	TUESDAY *February 20, 2024*	WEDNESDAY *February 21, 2024*	THURSDAY *February 22, 2024*	FRIDAY *February 23, 2024*
STANDARDS: 7.AR.EE.1 – 3 **CHAPTER 6: EQUATIONS AND INEQUALITIES** **LESSON 6.7: Solving Two-Step Inequalities** **OBJECTIVES:** *Apply properties of inequality to generate equivalent inequalities. *Solve two-step inequalities using the basic operations. *Apply two-step inequalities to solve real-life problems. **BELLRINGER:** Review and Refresh Page 169, Nos. 1 – 3 **ACTIVITY:** >Solving two-step inequalities. >Graphing an inequality. **EXERCISE/ASSIGNMENT:** Page 169, Nos. 9,10,11,13,15,17,19	**STANDARDS: 7.AR.EE.1 – 3** **CHAPTER 6: EQUATIONS AND INEQUALITIES** **LESSON 6.7: Solving Two-Step Inequalities** **OBJECTIVES:** *Apply properties of inequality to generate equivalent inequalities. *Solve two-step inequalities using the basic operations. *Apply two-step inequalities to solve real-life problems. **BELLRINGER:** You Be The Teacher Page 169, Nos. 21 and 22 **ACTIVITY:** >Solving two-step inequalities. >Graphing an inequality. >Modeling real life. **EXERCISE/ASSIGNMENT:** Page 169, Nos. 12,14,16,20,23 Puzzle Time	**STANDARDS: 7.AR.EE.1 – 3** **CHAPTER 6: EQUATIONS AND INEQUALITIES** **LESSONS 6.4 – 6.7: End – Chapter QUIZ** **OBJECTIVES:** *Apply the concepts and skills acquired in lessons 6.4 – 6.7. **BELLRINGER:** Solve the inequality: $9x - 4x + 4 \geq 36 - 12$ **ACTIVITY:** 6.4 Writing and Graphing Inequalities 6.5 Solving Inequalities Using Addition or Subtraction 6.6 Solving Inequalities Using Multiplication or Division 6.7 Solving Two–Step Inequalities	**STANDARDS: 7.AR.EE.1 – 3** **CHAPTER 6: EQUATIONS AND INEQUALITIES** **LESSON: Vocabulary QUIZ and Chapter Review** **OBJECTIVES:** *Review the concepts and skills acquired in chapter 6 lessons. **BELLRINGER:** Solve the inequality: $-4 > -\frac{4}{3}s$ **ACTIVITY:** >**Vocabulary QUIZ** REVIEW 6.1 Solving Equations Using Addition or Subtraction 6.2 Solving Equations Using Multiplication or Division 6.3 Solving Two–Step Equations 6.4 Writing and Graphing Inequalities 6.5 Solving Inequalities Using Addition or Subtraction 6.6 Solving Inequalities Using Multiplication or Division 6.7 Solving Two–Step Inequalities >Making of **Graphic Organizer** (Summary Triangle)	**STANDARDS: 7.AR.EE.1 – 3** **CHAPTER 6: EQUATIONS AND INEQUALITIES** **LESSON: Chapter Test** **OBJECTIVES:** *Apply the concepts and skills acquired in chapter 6 lessons. **BELLRINGER:** Solve the inequality: $6x < -18$ **ACTIVITY:** ASSESSMENT 6.1 Solving Equations Using Addition or Subtraction 6.2 Solving Equations Using Multiplication or Division 6.3 Solving Two–Step Equations 6.4 Writing and Graphing Inequalities 6.5 Solving Inequalities Using Addition or Subtraction 6.6 Solving Inequalities Using Multiplication or Division 6.7 Solving Two–Step Inequalities

REMARKS:

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: Feb. 19 - 23, 2024

MONDAY *February 19, 2024*	TUESDAY *February 20, 2024*	WEDNESDAY *February 21, 2024*	THURSDAY *February 22, 2024*	FRIDAY *February 23, 2024*
STANDARDS: 9-10.GM.18,19,20,21 **CHAPTER 9: RIGHT TRIANGLES AND TRIGONOMETRY** **LESSON 9.1: The Pythagorean Theorem** **OBJECTIVES:** *List common Pythagorean triples. *Find missing side lengths of right triangles. *Classify a triangle as acute, right or obtuse given its side lengths. **BELLRINGER:** Describe a Pythagorean Triple. **ACTIVITY:** >Using the Pythagorean Theorem. >Modeling real life >Verifying right triangles. >Classifying triangles **EXERCISE/ASSIGNMENT:** Page 452, Nos. 1-4, 7-8, 9,11,13, 15,19, 21,	**STANDARDS: 9-10.GM.18,19,20,21** **CHAPTER 9: RIGHT TRIANGLES AND TRIGONOMETRY** **LESSON 9.2: Special Right Triangles** **OBJECTIVES:** *Find side lengths in 45º-45º-90º triangles. *Find side lengths in 30º-60º-90º triangles. *Use special right triangles to solve real-life problems. **BELLRINGER:** Error Analysis Page 452, Nos. 5-6 **ACTIVITY:** > Find side lengths in 45º-45º-90º triangles. >* Finding side lengths in 30º-60º-90º triangles. >Modeling real life. **EXERCISE/ASSIGNMENT:** Page 459 Nos.1-3,5,7,11,13,14,15, 16	**STANDARDS: 9-10.GM.18,19,20,21** **CHAPTER 9: RIGHT TRIANGLES AND TRIGONOMETRY** **LESSON 9.3: Similar Right Triangles** **OBJECTIVES:** *Explain the right triangle similarity theorem. *Find the geometric mean of two numbers. *Find the missing dimensions in right triangles. **BELLRINGER:** Error Analysis Page 459, Nos. 9 and 10 **ACTIVITY:** >Identifying similar triangles. >Modeling real life. >Finding a geometric mean. **EXERCISE/ASSIGNMENT:** Page 466, Nos. 1 – 8, 9,11	**STANDARDS: 9-10.GM.18,19,20,21** **CHAPTER 9: RIGHT TRIANGLES AND TRIGONOMETRY** **LESSON 9.3: Similar Right Triangles** **OBJECTIVES:** *Explain the right triangle similarity theorem. *Find the geometric mean of two numbers. *Find the missing dimensions in right triangles. **BELLRINGER:** Error Analysis Page 466, No. 25 **ACTIVITY:** >Finding a geometric mean. >Using a geometric mean. >Using indirect measurement. **EXERCISE/ASSIGNMENT:** Page 466, Nos.13,15,17,19,21,23, 27	**STANDARDS: 9-10.GM.18,19,20,21** **CHAPTER 9: RIGHT TRIANGLES AND TRIGONOMETRY** **LESSONS 9.1 – 9.3: QUIZ** **OBJECTIVE:** *Apply the concepts and skills acquired in lessons 9.1 – 9.3. **BELLRINGER:** Short Review **ACTIVITY:** QUIZ 9.1 The Pythagorean Theorem 9.2 Special Right Triangles 9.3 Similar Right Triangles

REMARKS:

TEACHER: MARICAR HERNANDEZ | Week of: Feb. 19 - 23, 2024

MONDAY *February 19, 2024*	TUESDAY *February 20, 2024*	WEDNESDAY *February 21, 2024*	THURSDAY *February 22, 2024*	FRIDAY *February 16, 2024*
STANDARDS: 9-10.AR.11 CHAPTER 7: POLYNOMIAL EQUATIONS AND FACTORING LESSON 7.3: Special Products of Polynomials OBJECTIVES: *Use the square of a binomial pattern. *Multiply binomials using the sum and difference pattern. *Solve problems using special product patterns. BELLRINGER: Simplify: $(z - 2)(z - 6)$ $(3x + 4)(x + 6)$ ACTIVITY: >Using the square of a binomial pattern. >Using the sum and difference pattern. EXERCISE/ASSIGNMENT: Pages 383, Nos. 1,2,7,8,13,15,17,18 19,20,21,22	STANDARDS: 9-10.AR.11 CHAPTER 7: POLYNOMIAL EQUATIONS AND FACTORING LESSON 7.3: Special Products of Polynomials OBJECTIVES: *Use the square of a binomial pattern. *Multiply binomials using the sum and difference pattern. *Solve problems using special product patterns. BELLRINGER: Error Analysis Page 383, Nos. 29 and 30 ACTIVITY: >Using special product patterns and mental math. >Modeling real life. EXERCISE/ASSIGNMENT: Pages 383, Nos. 23,24,31,32,35,36 Puzzle time	STANDARDS: 9-10.AR.11 CHAPTER 7: POLYNOMIAL EQUATIONS AND FACTORING LESSON 7.4: Solving Polynomial Equations in Factored Form OBJECTIVES: *Use the Zero-Product Property to solve polynomial equations in factored form. *Factor polynomials using the greatest common factor. *Solve polynomial equations by rewriting them in factored form. BELLRINGER: Solve the equation: 1. $\frac{4}{3}x = -8$ 2. $x + 4 = -9$ ACTIVITY: >Solving polynomial equations. >Solving polynomial equations. >Factoring a polynomial using the GCF. >Solving equations by factoring. >Modeling real life. EXERCISE/ASSIGNMENT: Pages 389, Nos. 1,7,13,23,25,28, 35,36	STANDARDS: 9-10.AR.11 CHAPTER 7: POLYNOMIAL EQUATIONS AND FACTORING LESSON 7.1 – 7.4: Mid – Chapter QUIZ OBJECTIVES: *Apply the concepts and skills acquired in lessons 7.1 – 7.4. . BELLRINGER: Solve the equation: $(15 - 5c)(5c + 5)(-c + 6) = 0$ \ ACTIVITY: QUIZ 7.1 Adding and Subtracting Polynomials 7.2 Multiplying and Dividing Polynomials 7.3 Special Products of Polynomials 7.4 Solving Polynomial Equations in Factored Form.	STANDARDS: 9-10.AR.11 CHAPTER 7: POLYNOMIAL EQUATIONS AND FACTORING LESSON 7.5: Factoring $x^2 + bx + c$ OBJECTIVES: *Identify the three terms of a trinomial. *Factor polynomials of the form $x^2 + bx + c$. *Explain how to use b and c to find binomial factors of a polynomial $x^2 + bx + c$. BELLRINGER: Make a list of factors for the number: 1. 42 2. 60 ACTIVITY: >Factoring $x^2 + bx + c$ when b and c are positive. > Factoring $x^2 + bx + c$ when b is negative and c is positive. EXERCISE/ASSIGNMENT: Pages 395, Nos. 1 – 6, 7 – 12

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: Feb. 19 - 23, 2024

MONDAY February 19, 2024	TUESDAY February 20, 2024	WEDNESDAY February 21, 2024	THURSDAY February 22, 2024	FRIDAY February 23, 2024
STANDARDS: 8.AR.F.1 – 5	**STANDARDS: 8.AR.F.1 – 5**	**STANDARDS: 8.AR.F.1 – 5**	**STANDARDS: 8.AR.F.1 – 5**	**STANDARDS: 8.AR.F.1 – 5**
CHAPTER 7: FUNCTIONS	**CHAPTER 7: FUNCTIONS**	**CHAPTER 7: FUNCTIONS**	**CHAPTER 7: FUNCTIONS**	**CHAPTER 7: FUNCTIONS**
LESSON 7.2: Representations of Functions	**LESSON 7.3: Linear Functions**	**LESSONS 7.1 - 7.3: Mid – Chapter QUIZ**	**LESSON 7.4: Comparing Linear and Nonlinear Functions**	**LESSON 7.4: Comparing Linear and Nonlinear Functions**
OBJECTIVES: *Write a function rule that describes a relationship. *Evaluate functions for given inputs. *Represent functions using tables and graphs.	**OBJECTIVES:** *Write linear functions to model relationships. *Interpret linear functions in real-life situations.	**OBJECTIVES:** *Apply the concepts and skills acquired in lessons 7.1 – 7.3.	**OBJECTIVES:** *Recognize linear functions represented as tables, equations, and graphs. *Compare linear and nonlinear functions.	**OBJECTIVES:** *Recognize linear functions represented as tables, equations, and graphs. *Compare linear and nonlinear functions.
BELLRINGER: You Be The Teacher Page 287, No.30	**BELLRINGER:** Vocabulary Practice *linear function	**BELLRINGER:** Review and refresh Page 293, Nos. 1 and 2	**BELLRINGER:** Vocabulary Practice -nonlinear function	**BELLRINGER:** Review and Refresh Page 299, Nos. 1 and 2
ACTIVITY: >Graphing a function. >Modeling real life.	**ACTIVITY:** >Writing a linear functions using a graph. > Writing a linear functions using a table. >Interpreting a linear function. >Modeling real life.	**ACTIVITY:** QUIZ 7.1 Relations and Functions 7.2 Representations of Functions 7.3 Linear Functions	**ACTIVITY:** >Identifying functions from tables. >Identifying functions from equations. >Identifying functions from graphs.	**ACTIVITY: (Exercise)** >Identifying functions from tables. >Identifying functions from equations. >Identifying functions from graphs. >Modeling real life.
EXERCISE/ASSIGNMENT: Page 287, Nos. 27-29, 31,33-35 Puzzle Time	**EXERCISE/ASSIGNMENT:** Page 293, Nos. 8-11,12,13,14		**EXERCISE/ASSIGNMENT:** Page 299, Nos. 7 -13	**EXERCISE/ASSIGNMENT:** Page 300, Nos.14,15,17 Puzzle Time

REMARKS: