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. 05 - 09, 2024

MONDAY *February 05, 2024*	TUESDAY *February 06, 2024*	WEDNESDAY *February 07, 2024*	THURSDAY *February 08, 2024*	FRIDAY *February 09, 2024*
STANDARDS: 6.EE.5 - 7 **CHAPTER 6: EQUATIONS** **LESSONS 6.3 – 6.4: End – Chapter QUIZ** **OBJECTIVES:** *Apply the concepts and skills acquired in lessons 6.3 – 6.4. **BELLRINGER:** Solve the equation. $$\frac{4x}{3} = 8$$ **ACTIVITY:** QUIZ 6.3 Solving Equations Using Multiplication or Division 6.4 Writing Equations in Two Variables	**STANDARDS: 6.EE.5 – 7** **CHAPTER 6: EQUATIONS** **LESSON: Vocabulary QUIZ and Chapter Review** **OBJECTIVES:** *Review the concepts and skills acquired in chapter 6 lessons. **BELLRINGER:** Tell whether the ordered pair is a solution of the equation. $$y + 3 = 6x; (3,15)$$ **ACTIVITY:** >Vocabulary QUIZ REVIEW 6.1 Writing Equations in One Variable 6.1 Solving Equations Using Addition or Subtraction 6.3 Solving Equations Using Multiplication or Division 6.4 Writing Equations in Two Variables >Make a **graphic organizer** using an **Example and Non-Example Chart.**	**STANDARDS: 6.EE.5 - 7** **CHAPTER 6: EQUATIONS** **LESSON: CHAPTER TEST** **OBJECTIVES:** *Apply the concepts and skills acquired in chapter 6 lessons. **BELLRINGER:** List down the lessons tackled in Chapter 6 Equations. **ACTIVITY:** ASSESSMENT 6.1 Writing Equations in One Variable 6.1 Solving Equations Using Addition or Subtraction 6.3 Solving Equations Using Multiplication or Division 6.4 Writing Equations in Two Variables	**STANDARDS: 6.EE.5 – 7** **CHAPTER 6: EQUATIONS** **LESSON: Performance Task "Planning the Climb"** **OBJECTIVES:** * The student will write simple equations. • The student will solve equations using division. • The student will solve real-life problems. **BELLRINGER:** > How can you plan a climbing expedition? **ACTIVITY:** > Students are given information about rock climbing. They will use data to write and solve equations to plan a series of rock climbing expeditions.	**STANDARDS: 6.GM.AV.1** **CHAPTER 7: AREA AND VOLUME** **LESSON 7.1: Areas of Parallelograms** **OBJECTIVES:** *Explain how the area of a rectangle is used to find the area of a parallelogram. *Use the base and the height of a parallelogram to find its area. *Use the area of a parallelogram and one of its dimensions to find the other dimension. **BELLRINGER:** Find the area of a rectangle with a length of 15 m and a width of 10 m. **ACTIVITY:** >Watch the STEAM Video >Deriving the area formula of a parallelogram. >Finding areas of parallelograms. >Modeling real life. **EXERCISE/ASSIGNMENT:** Page 289, Nos. 16 – 21 Page 290, Nos. 29,30

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. 05 - 09, 2024

MONDAY February 05, 2024	TUESDAY February 06, 2024	WEDNESDAY February 07, 2024	THURSDAY February 08, 2024	FRIDAY February 09, 2024
STANDARDS: 7.AR.EE.1 – 3	**STANDARDS: 7.AR.EE.1 – 3**	**STANDARDS: 7.AR.EE.1 – 3**	**STANDARDS: 7.AR.EE.1 – 3**	**STANDARDS: 7.AR.EE.1 – 3**
CHAPTER 6: EQUATIONS AND INEQUALITIES	**CHAPTER 6: EQUATIONS AND INEQUALITIES**	**CHAPTER 6: EQUATIONS AND INEQUALITIES**	**CHAPTER 6: EQUATIONS AND INEQUALITIES**	**CHAPTER 6: EQUATIONS AND INEQUALITIES**
LESSON 6.3: Solving Two-Step Equations	**LESSONS 6.1 – 6.3: Mid – Chapter QUIZ**	**LESSON 6.4: Writing and Graphing Inequalities**	**LESSON 6.4: Writing and Graphing Inequalities**	**LESSON 6.5: Solving Inequalities Using Addition or Subtraction**
OBJECTIVES: *Apply properties of equality to produce equivalent equations. *Solve two-step equations using the basic operations. *Apply two-step equations to solve real-life problems.	**OBJECTIVES:** *Apply the concepts and skills acquired in lessons 6.1 – 6.3.	**OBJECTIVES:** *Write word sentences as inequalities. *Determine whether a value is a solution of an inequality. *Graph the solutions of inequalities.	**OBJECTIVES:** *Write word sentences as inequalities. *Determine whether a value is a solution of an inequality. *Graph the solutions of inequalities.	**OBJECTIVES:** *Apply the addition and subtraction properties of inequality to produce equivalent inequalities. *Solve inequalities using addition or subtraction. *Apply inequalities involving addition or subtraction to solve real-life problems.
BELLRINGER: You Be The Teacher Page 142, Nos. 24 and 25	**BELLRINGER:** Solve the equation: $4x + 16.4 = -3.6$	**BELLRINGER:** Review and Refresh Page 149, Nos. 1 and 4	**BELLRINGER:** You Be The Teacher Page 149, No. 17	**BELLRINGER:** Review and Refresh Page 155, Nos. 1 – 3
ACTIVITY: > Solving a two-step equation. >Combining like terms before solving. >Modeling real life.	**ACTIVITY:** QUIZ 6.1 Solving Equations Using Addition or Subtraction 6.2 Solving Equations Using Multiplication or Division 6.3 Solving Two-Step Equations	**ACTIVITY:** > Exploration: Understanding inequality statements. >Writing an inequality. >Checking solutions.	**ACTIVITY: Exercise** >Graphing an inequality. >Checking solutions. >Modeling real life.	**ACTIVITY:** > Exploration: Writing inequalities* >Solving an inequality using addition. >Solving an inequality using subtraction.
EXERCISE/ASSIGNMENT: Page 144, Nos. 33 – 36, 37,38,39,40 Puzzle Time		**EXERCISE/ASSIGNMENT:** Page 137, Nos 12 – 16, 18 – 23	**EXERCISE/ASSIGNMENT:** Page 150, Nos. 24 – 27, 28, 29 – 32 Puzzle Time	**EXERCISE/ASSIGNMENT:** Page 155, Nos. 12 – 26

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: Feb. 05 - 09, 2024

MONDAY *February 05, 2024*	TUESDAY *February 06, 2024*	WEDNESDAY *February 07, 2024*	THURSDAY *February 08, 2024*	FRIDAY *February 09, 2024*
STANDARDS: 9-10.GM.14 – 17 **CHAPTER 8: SIMILARITY** **LESSON 8.1: Similar Polygons** **OBJECTIVES:** *Use similarity statements. *Find corresponding lengths in similar polygons. *Find perimeters and areas of similar polygons. Decide whether polygons are similar. **BELLRINGER:** Prerequisite Skills Practice Solve for the unknown in a proportion. **ACTIVITY:** >Using similarity statements. >Finding a corresponding length. >Finding perimeters of similar polygons. **EXERCISE/ASSIGNMENT:** Page 409, Nos. 1 – 6, 7 - 8, 9 – 10, 11 – 12	**STANDARDS: 9-10.GM.14 – 17** **CHAPTER 8: SIMILARITY** **LESSON 8.1: Similar Polygons** **OBJECTIVES:** *Use similarity statements. *Find corresponding lengths in similar polygons. *Find perimeters and areas of similar polygons. Decide whether polygons are similar. **BELLRINGER:** Warm Up Activity! Solve for x mentally. **ACTIVITY:** >Modeling real life. >Finding areas of similar polygons. >Deciding whether polygons are similar. **EXERCISE/ASSIGNMENT:** Page 409, Nos. 15 – 16, 17 – 20 , 21 – 22, 23 – 24, 49	**STANDARDS: 9-10.GM.14 – 17** **CHAPTER 8: SIMILARITY** **LESSON 8.2: Proving Triangle Similarity by AA** **OBJECTIVES:** *Use similarity transformations to prove the Angle-Angle Similarity Theorem. *Use angle measures of triangles to determine whether triangles are similar. *Prove triangle similarity using Angle-Angle Similarity Theorem. *Solve real-life problems using similar triangles. **BELLRINGER:** Warm Up Activity! Solve for x in the given similar figures. **ACTIVITY:** >Using the AA Similarity Theorem. >Modeling real life. **EXERCISE/ASSIGNMENT:** Page 417, Nos. 1,2,5,7,9-16,19,20	**STANDARDS: 9-10.GM.14 – 17** **CHAPTER 8: SIMILARITY** **LESSON 8.1-8.2: QUIZ** **OBJECTIVES:** *Apply the concepts and skills acquired in lessons 8.1-8.2. **BELLRINGER:** Error Analysis Page 417, No. 17 **ACTIVITY:** QUIZ 8.1 Similar Polygons 8.2 Proving Triangle Similarity by AA >Puzzle Time	**STANDARDS: 9-10.GM.14 – 17** **CHAPTER 8: SIMILARITY** **LESSON 8.3: Proving Triangle Similarity by SSS and SAS** **OBJECTIVES:** *Use the SSS and SAS Similarity Theorems to determine whether triangles are similar. *Use similar triangles to prove theorems about slopes of parallel and perpendicular lines. **BELLRINGER:** Warm Up Activity! Find the indicated measure given congruent triangles. **ACTIVITY:** >Using the SSS Similarity Theorem. >Modeling real life. **EXERCISE/ASSIGNMENT:** Page 425, Nos. 1-6, 9-12, 20

REMARKS: Monday and Tuesday's lessons are carried over from last week, for the students had made their book project on quadrilaterals and polygons last Thursday and Friday.

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: Feb. 05 - 09, 2024

MONDAY *February 05, 2024*	TUESDAY *February 06, 2024*	WEDNESDAY *February 07, 2024*	THURSDAY *February 08, 2024*	FRIDAY *February 09, 2024*
STANDARDS: 9-10.NO.1,2, 9-10.AR.F.4,5,6,8,11,12 **CHAPTER 6: EXPONENTIAL FUNCTIONS AND SEQUENCES** **LESSONS 6.5 – 6.7: End – Chapter QUIZ** **OBJECTIVES:** *Apply the concepts and skills acquired in lessons 6.5 – 6.7. **BELLRINGER:** Write the sequence in recursive rule. 1. 3,6,9,12,15,… 2. -2, 4, -8, 16, … **ACTIVITY:**. QUIZ 6.5 Solving Exponential Equations 6.6 Geometric Sequences 6.7 Recursively Defined Sequences	**STANDARDS: 9-10.NO.1,2, 9-10.AR.F.4,5,6,8,11,12** **CHAPTER 6: EXPONENTIAL FUNCTIONS AND SEQUENCES** **LESSON: Chapter Review and Vocabulary Quiz** **OBJECTIVES:** *Review the concepts and skills acquired in Chapter 6 lessons. **BELLRINGER:** Write the sequence in explicit rule. 1. 3,6,9,12,15,… 2. -2, 4, -8, 16, … **ACTIVITY:**. >Vocabulary Quiz REVIEW 6.1 Properties of Exponents 6.2 Radicals and Rational Exponents 6.3 Exponential Functions 6.4 Exponential Growth and Decay 6.5 Solving Exponential Equations 6.6 Geometric Sequences 6.7 Recursively Defined Sequences >Making of **Graphic Organizer** using **Definition and Example Chart**.	**STANDARDS: 9-10.NO.1,2, 9-10.AR.F.4,5,6,8,11,12** **CHAPTER 6: EXPONENTIAL FUNCTIONS AND SEQUENCES** **LESSON: CHAPTER TEST** **OBJECTIVES:** *Apply the concepts and skills acquired in Chapter 6 lessons. **BELLRINGER:** Write the formula for compound interest. **ACTIVITY:**. ASSESSMENT 6.1 Properties of Exponents 6.2 Radicals and Rational Exponents 6.3 Exponential Functions 6.4 Exponential Growth and Decay 6.5 Solving Exponential Equations 6.6 Geometric Sequences 6.7 Recursively Defined Sequences	**STANDARDS: 9-10.NO.1,2, 9-10.AR.F.4,5,6,8,11,12** **CHAPTER 6: EXPONENTIAL FUNCTIONS AND SEQUENCES** **LESSON: Performance Task "Mathematical Recursion"** **OBJECTIVES:** *Write terms of recursively defined sequences. *Write recursive rules for sequences. *Translate between recursive rules and explicit rules. **BELLRINGER:** Complete the reflection journal. **ACTIVITY:**. Most people think of the Fibonacci sequence when they think about mathematical recursion. How are recursive sequences used in language, art, music, nature, and games? While this task includes mathematical recursion problems, its primary focus is to show students that recursion is a concept that applies to multiple disciplines.	**STANDARDS: 9-10.AR.11** **CHAPTER 7: POLYNOMIAL EQUATIONS AND FACTORING** **LESSON 7.1: Adding and Subtracting Polynomials** **OBJECTIVES:** *Classify polynomials by degree and number of terms. *Add, Subtract, multiply, and divide polynomials. *Solve polynomial equations. *Factor polynomials and use factoring to solve real-life problems. **BELLRINGER:** Vocabulary Practice -polynomial **ACTIVITY:**. >Watch STEM Video. >Preparing for chapter 7. >Finding degrees of monomials. >Writing a polynomial in standard form. >Classifying polynomials. **EXERCISE/ASSIGNMENT:** Pages 368, Nos. 1 – 18
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. 05 - 09, 2024

MONDAY *February 05, 2024*	TUESDAY *February 06, 2024*	WEDNESDAY *February 07, 2024*	THURSDAY *February 08, 2024*	FRIDAY *February 09, 2024*
STANDARDS: 8.AR.EE.3,4,5,6 **CHAPTER 5: GRAPHING AND WRITING LINEAR EQUATIONS** **LESSON 5.7: Writing Equations in Point-Slope Form** **OBJECTIVES:** *Use a point on a line and the slope to write an equation of the line. *Use any two points to write an equation of a line. *Write equations in the point-slope form to solve real-life problems. **BELLRINGER:** Review and Refresh Page 183, No. 1 **ACTIVITY:** >Writing an equation using a slope and a point. **EXERCISE/ASSIGNMENT:** Page 183, Nos. 8 – 13	**STANDARDS:** 8.AR.EE.3,4,5,6 **CHAPTER 5: GRAPHING AND WRITING LINEAR EQUATIONS** **LESSON 5.7: Writing Equations in Point-Slope Form** **OBJECTIVES:** *Use a point on a line and the slope to write an equation of the line. *Use any two points to write an equation of a line. *Write equations in the point-slope form to solve real-life problems. **BELLRINGER:** Review and Refresh Page 183, No. 2 **ACTIVITY:** >Writing an equation using two points. **EXERCISE/ASSIGNMENT:** Page 183, Nos. 14 – 19	**STANDARDS:** 8.AR.EE.3,4,5,6 **CHAPTER 5: GRAPHING AND WRITING LINEAR EQUATIONS** **LESSON 5.4 – 5.7: End – Chapter QUIZ** **OBJECTIVES:** *Apply the concepts and skills acquired in lessons 5.4 – 5.7. **BELLRINGER:** Write the slope-intercept form of a line. Write the standard form of a line. **ACTIVITY:** QUIZ 5.4 Graphing Linear Equations in Slope-Intercept Form 5.5 Graphing Linear Equations in Standard Form 5.6 Writing Equations in Slope – Intercept Form 5.7 Writing Equations in Point–Slope Form	**STANDARDS:** 8.AR.EE.3,4,5,6 **CHAPTER 5: GRAPHING AND WRITING LINEAR EQUATIONS** **LESSON: Vocabulary QUIZ and Chapter Review** **OBJECTIVES:** *Review the concepts and skills acquired in chapter 5 lessons. **BELLRINGER:** Write the point-slope form of a linear equation. **ACTIVITY:** >Vocabulary Quiz REVIEW 5.1 Graphing Linear Equations 5.2 Slope of a Line 5.3 Graphing Proportional Relationships 5.4 Graphing Linear Equations in Slope-Intercept Form 5.5 Graphing Linear Equations in Standard Form 5.6 Writing Equations in Slope – Intercept Form 5.7 Writing Equations in Point–Slope Form >Making of **Graphic Organizer** using **Definition and Example Chart**.	**STANDARDS:** 8.AR.EE.3,4,5,6 **CHAPTER 5: GRAPHING AND WRITING LINEAR EQUATIONS** **LESSON: Vocabulary QUIZ and Chapter Review** **OBJECTIVES:** *Apply the concepts and skills acquired in chapter 5 lessons. **BELLRINGER:** Recap **ACTIVITY:** ASSESSMENT 5.1 Graphing Linear Equations 5.2 Slope of a Line 5.3 Graphing Proportional Relationships 5.4 Graphing Linear Equations in Slope-Intercept Form 5.5 Graphing Linear Equations in Standard Form 5.6 Writing Equations in Slope – Intercept Form 5.7 Writing Equations in Point–Slope Form

REMARKS: