Edmore Public School

706 Main St, Edmore, ND 58330

WEEKLY LESSON PLAN
in MATH 8
1st Period: 8:40-9:32

TEACHER: MARICAR HERNANDEZ

Week of: October 04 – 08, 2021

MONDAY ***October 04, 2021***	**TUESDAY** ***October 05, 2021***	**WEDNESDAY** ***October 06, 2021***	**THURSDAY** ***October 07, 2021***	**FRIDAY** ***October 08, 2021***
STANDARDS: 8.G.1 – 8.G.3 **CHAPTER 2:TRANSFORMATIONS** **LESSONS 2.1 – 2.4** **OBJECTIVE:** Apply the skills and concepts acquired in lesson 2.1 – 2.3 **BELLRINGER:** Short Review **ACTIVITY:** QUIZ >Congruent Figures >Translations >Reflections >Rotations	**STANDARDS: 8.G.4** **CHAPTER 2:TRANSFORMATIONS** **LESSON 2.5:** Similar Figures **OBJECTIVES:** *Name corresponding angles and corresponding sides of similar figures. *Identify similar figures. *Find unknown measures of similar figures. **BELLRINGER:** What is a proportion? **ACTIVITY:** >Reducing photographs. >Identifying similar figures. **Practice EXERCISE:** >Page 74 Nos. 4 - 7	**STANDARDS: 8.G.4** **CHAPTER 2:TRANSFORMATIONS** **LESSON 2.5:** Similar Figures **OBJECTIVES:** *Name corresponding angles and corresponding sides of similar figures. *Identify similar figures. *Find unknown measures of similar figures. **BELLRINGER:** Vocabulary and concept check Page 74 **ACTIVITY:** >Finding an unknown measure in similar figures >Real-life application. **ASSIGNMENT/EXERCISE:** >Pages 74 - 75, 8 – 18 (even)	**STANDARDS: 8.G.4** **CHAPTER 2:TRANSFORMATIONS** **LESSON 2.6:** Perimeter and Areas of Similar Figures **OBJECTIVES:** *Understand the relationship between perimeters of similar figures. *Understand the relationship between areas of similar figures. *Find ratios of perimeters and areas for similar figures. **BELLRINGER:** What does perimeter mean? What does area mean? **ACTIVITY:** >Creating similar figures. >Finding patterns for perimeter. >Finding pattern for areas. >Drawing and labeling similar figures. **Practice EXERCISE:** >Page 80, 8 – 9	**STANDARDS: 8.G.4** **CHAPTER 2:TRANSFORMATIONS** **LESSON 2.6:** Perimeter and Areas of Similar Figures **OBJECTIVES:** *Understand the relationship between perimeters of similar figures. *Understand the relationship between areas of similar figures. *Find ratios of perimeters and areas for similar figures. **BELLRINGER:** Vocabulary and concept check Page 80 **ACTIVITY:** >Finding ratios of perimeter. >Finding ratios of areas. >Using proportions to find perimeter and areas. **Practice EXERCISE:** >Pages 80 – 81, 10-20 (even)
REMARKS:				

Edmore Public School

706 Main St, Edmore, ND 58330

WEEKLY LESSON PLAN
in ALTERNATIVE MATH
2nd Period: 9:35-10:27

TEACHER: MARICAR HERNANDEZ

Week of: October 04 – 08, 2021

MONDAY ***October 04, 2021***	**TUESDAY** ***October 05, 2021***	**WEDNESDAY** ***October 06, 2021***	**THURSDAY** ***October 07, 2021***	**FRIDAY** ***October 08, 2021***
CHAPTER 3: USING MATH IN SPORTS **LESSON:** WEIGHT LIFTING **OBJECTIVE:** To calculate total weight lifted by individuals and teams through reviewing whole number operations and solving word problems. **BELLRINGER:** -Share personal experiences you had with weight lifting. -What mathematical skills are needed to calculate total weight lifted and amount of increase in weight lifted. **ACTIVITY:** >Practice skills with zeros. >Problem Solving involving weight lifting. **EXERCISE/ASSIGNMENT** Page 41 A	**CHAPTER 3: USING MATH IN SPORTS** **LESSON:** AVERAGES **OBJECTIVE:** To find average bowling scores and average weight lifted by using pencil and paper, estimation, and calculators. **BELLRINGER:** -How do we compute average? **ACTIVITY:** >Computing averages. >Writing remainders as fractions. **EXERCISE/ASSIGNMENT** Page 43 B	**CHAPTER 3: USING MATH IN SPORTS** **LESSON:** AVERAGES **OBJECTIVE:** To find average bowling scores and average weight lifted by using pencil and paper, estimation, and calculators. **BELLRINGER:** -Why averages are used in sports? **ACTIVITY:** >Estimation. >Calculator Practice **EXERCISE/ASSIGNMENT** Page 45	**CHAPTER 3: USING MATH IN SPORTS** **LESSON:** Module Review **OBJECTIVE:** Review for chapter test. **BELLRINGER:** Summarize the concepts learned in this lesson, using Math in Sports. **ACTIVITY:** >Chapter 3 review pages 46-47 **ASSIGNMENT:** Review for the Chapter test.	**CHAPTER 3: USING MATH IN SPORTS** **LESSON:** Chapter Mastery Test **OBJECTIVE:** Attain at least 90% mastery level on the topics learned. **BELLRINGER:** Ask for the skills they had acquired. **ACTIVITY/ASSESSMENT:** >Chapter Mastery Test A
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: October 04 – 08, 2021

MONDAY ***October 04, 2021***	**TUESDAY** ***October 05, 2021***	**WEDNESDAY** ***October 06, 2021***	**THURSDAY** ***October 07, 2021***	**FRIDAY** ***October 08, 2021***
STANDARDS: 7.NS.1a-d, 7.NS.3 **CHAPTER 2: RATIONAL NUMBERS** **LESSON 2.3:** Subtracting Rational Numbers **OBJECTIVES:** *Subtract rational numbers. *Solve real-life problems. **BELLRINGER:** Vocabulary and concept check Page 62 **ACTIVITY** >Subtracting rational numbers (fractions) > Subtracting rational numbers (decimals) >Finding distances between numbers on a number line. >Real-life application. **EXERCISE/ASSIGNMENT** Pages 62 – 63, Nos 13 – 23 (odd)	**STANDARDS:** 7.NS.1a-d, 7.NS.3 **CHAPTER 2: RATIONAL NUMBERS** **LESSON 2.4:** Multiplying and Dividing Rational Numbers **OBJECTIVES:** *Multiply and divide rational numbers. *Solve real-life problems. **BELLRINGER:** What is a reciprocal of a $\frac{a}{b}$? **ACTIVITY** >Dividing rational numbers. >Multiplying rational numbers. **Practice Exercise:** Page 68, Nos 7-21 (odd)	**STANDARDS:** 7.NS.1a-d, 7.NS.3 **CHAPTER 2: RATIONAL NUMBERS** **LESSON 2.4:** Multiplying and Dividing Rational Numbers **OBJECTIVES:** *Multiply and divide rational numbers. *Solve real-life problems. **BELLRINGER:** Vocabulary and concept check. Page 68 **ACTIVITY** >Multiplying more than two rational numbers. >Real-life application. **Practice Exercise:** Page 68, Nos 7-21 (odd) **EXERCISE/ASSIGNMENT** Pages 68 – 69, Nos. 22 – 44 (even)	**STANDARDS:** 7.NS.1a-d, 7.NS.3 **CHAPTER 2: RATIONAL NUMBERS** **LESSON 2.3 and 2.4** **OBJECTIVES:** Apply the concepts and skills learned in lesson 2.3 and 2.4. **BELLRINGER:** Short Review **ACTIVITY** QUIZ Subtracting rational numbers. Multiplying and dividing rational numbers.	**STANDARDS:** 7.NS.1a-d, 7.NS.3 **CHAPTER 2: RATIONAL NUMBERS** **LESSON: Chapter Review** **OBJECTIVE:** Review the concepts in chapter 2. **BELLRINGER:** Vocabulary Check **ACTIVITY:** >Review key vocabulary >Review examples and exercises **ASSIGNMENT:** Review and be ready for Monday's activity.
REMARKS: For Monday it is a carryover activity from Friday of previous week because the students took the STAR 360 last Wednesday.				

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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: October 04 – 08, 2021

MONDAY ***October 04, 2021***	**TUESDAY** ***October 05, 2021***	**WEDNESDAY** ***October 06, 2021***	**THURSDAY** ***October 07, 2021***	**FRIDAY** ***October 08, 2021***
STANDARDS: G-CO.A.5, HSG-CO.B6 **CHAPTER 4:TRANSFORMATIONS** **LESSON 4.4: Congruence and Transformations** **OBJECTIVE:** Identify congruent figures. Describe congruence transformations. Use theorems about congruence transformations. **BELLRINGER:** What does it mean for two figures to be congruent? **ACTIVITY:** >Identifying congruent figures. >Describing a congruence transformation **EXERCISE/ASSIGNMENT:** Page 204, Nos. 3-10 (Odd)	**STANDARDS:** G-CO.A.5, HSG-CO.B6 **CHAPTER 4:TRANSFORMATIONS** **LESSON 4.4: Congruence and Transformations** **OBJECTIVE:** Identify congruent figures. Describe congruence transformations. Use theorems about congruence transformations. **BELLRINGER:** Vocabulary and Core Concept Check Page 204 **ACTIVITY:** >Using the reflections in parallel lines theorem >Using the reflections in intersecting lines theorem **EXERCISE/ASSIGNMENT:** Page 204, Nos. 11-29 (Odd)	**STANDARDS:** G-CO.A.2, HSG-SRT.A.1a, HSG-SRT.A.1b **CHAPTER 4:TRANSFORMATIONS** **LESSON 4.4: Dilations** **OBJECTIVE:** Identify and perform dilations. Solve real-life problems involving scale factors and dilations. **BELLRINGER:** What does it mean to dilate a figure? **ACTIVITY:** >Identifying dilations. >Dilating a figure in the coordinate plane. **EXERCISE/ASSIGNMENT:** Page 212, Nos 4-18 (even)	**STANDARDS:** G-CO.A.2, HSG-SRT.A.1a, HSG-SRT.A.1b **CHAPTER 4:TRANSFORMATIONS** **LESSON 4.4: Dilations** **OBJECTIVE:** Identify and perform dilations. Solve real-life problems involving scale factors and dilations. **BELLRINGER:** Vocabulary and Core Concept Check Page 212 **ACTIVITY:** >Constructing a dilation. **EXERCISE/ASSIGNMENT:** Page 212-213, Nos 19-27 (odd)	**STANDARDS:** G-CO.A.2, HSG-SRT.A.1a, HSG-SRT.A.1b **CHAPTER 4:TRANSFORMATIONS** **LESSON 4.4: Dilations** **OBJECTIVE:** Identify and perform dilations. Solve real-life problems involving scale factors and dilations. **BELLRINGER:** What happens to the preimage if we use negative scale factor in a dilation? **ACTIVITY:** >Using a negative scale factor. >Solving real-life problems. **EXERCISE/ASSIGNMENT:** Page 212-213, Nos 29-35 (odd)
REMARKS: Started with Big Ideas Curriculum				

Edmore Public School

706 Main St, Edmore, ND 58330

WEEKLY LESSON PLAN
in ALGEBRA 2
6th Period: 1:37-2:29

TEACHER: MARICAR HERNANDEZ

Week of: October 04 – 08, 2021

MONDAY *October 04, 2021*	**TUESDAY** *October 05, 2021*	**WEDNESDAY** *October 06, 2021*	**THURSDAY** *October 07, 2021*	**FRIDAY** *October 08, 2021*
STANDARDS: A-CED.1 A-REI.3, F-IF.7b **MODULE 2: ABSOLUTE VALUE FUNCTIONS, EQUATIONS AND INEQUALITIES** **LESSON 2.1 – 2.3** **OBJECTIVE:** Apply the concepts and skills learned in Module 2. **BELLRINGER:** Short Review **ACTIVITY:** >Module 2 test	**STANDARDS: N-CN.1-3** **CHAPTER 3: QUADRATIC EQUATIONS AND COMPLEX NUMBERS** **LESSON: Chapter Opener** **OBJECTIVE:** Review the pre-requisite concepts and skills for this chapter. **BELLRINGER:** Key Vocabulary(quadratic equation, quadratic inequality in two variables, quadratic inequality in one variable). **ACTIVITY:** >Review simplifying square roots. >Review factoring special products. >Solving quadratic equations.	**STANDARDS: N-CN.1-3** **CHAPTER 3: QUADRATIC EQUATIONS AND COMPLEX NUMBERS** **LESSON 3.1: Solving Quadratic Equations** (by Graphing) **OBJECTIVE:** Solve quadratic equations graphically. **BELLRINGER:** How many roots does $x^2 = 0$ have? **ACTIVITY:** >Solving quadratic equations by graphing. **EXERCISE/ASSIGNMENT:** Page 95, Nos 2 – 10 (odd)	**STANDARDS: N-CN.1-3** **CHAPTER 3: QUADRATIC EQUATIONS AND COMPLEX NUMBERS** **LESSON 3.1: Solving Quadratic Equations (**Algebraically) **OBJECTIVE:** Solve quadratic equations algebraically. **BELLRINGER:** Describe the process of rationalizing denominators. **ACTIVITY:** >Solving quadratic equations using square roots. >Solving a quadratic equations by factoring. **EXERCISE/ASSIGNMENT:** Page 95, Nos 13, 15, 19, 20, 21, 23	**STANDARDS: N-CN.1-3** **CHAPTER 3: QUADRATIC EQUATIONS AND COMPLEX NUMBERS** **LESSON 3.1: Solving Quadratic Equations** **OBJECTIVE:** Use quadratic equations to solve real-life problems. **BELLRINGER:** Error Analysis Page 95 **ACTIVITY:** >Finding the zeros of a quadratic function. >Modeling real life. **EXERCISE/ASSIGNMENT:** Page 95, Nos 39, 45, 49, 51
REMARKS: Started with Big Ideas Curriculum				

Edmore Public School

706 Main St, Edmore, ND 58330

WEEKLY LESSON PLAN
in MATH 6
7th Period: 2:32-3:25

TEACHER: MARICAR HERNANDEZ

Week of: October 04 – 08, 2021

MONDAY ***October 04, 2021***	**TUESDAY** ***October 05, 2021***	**WEDNESDAY** ***October 06, 2021***	**THURSDAY** ***October 07, 2021***	**FRIDAY** ***October 08, 2021***
STANDARDS: 6.NS.4 **LESSON 1.6:** (Extension) Subtracting Fractions **OBJECTIVE:** Use least common multiples to subtract fractions. **BELLRINGER:** What are equivalent fractions? Give an example. **ACTIVITY:** >Subtracting fractions using a common denominator. >Subtracting fractions using LCD. >Subtracting mixed numbers. **Practice Exercise:** Page 43 Nos. 11, 12, 15, 16	**STANDARDS: 6.NS.4** **LESSON 1.4-1.6** **OBJECTIVE:** Apply the skills and concepts acquired in lesson 1.4 – 1.6. **BELLRINGER:** Short Review **ACTIVITY:** QUIZ >Prime factorization >Greatest common factor >Least common multiples >Adding and subtracting fractions.	**STANDARDS:** **LESSON : Chapter Review** **OBJECTIVE:** Review the concepts in chapter 1. **BELLRINGER:** Vocabulary check **ACTIVITY:** >Review Game >Review examples and exercises **ASSIGNMENT:** Review and be ready for tomorrow's activity.	**STANDARDS: 6.NS.4** **LESSON: NUMERICAL EXPRESSIONS AND FACTORS (Chapter 1)** **OBJECTIVE:** Demonstrate proficiency in numerical expressions and factors. **BELLRINGER:** Short Review **ACTIVITY** CHAPTER TEST >Whole numbers >Powers and exponents >Prime factorization >Greatest common factor >Least common multiples >Adding and Subtracting fractions.	**STANDARDS: 6.NS.1** **CHAPTER 2: FRACTIONS AND DECIMALS** **LESSON: Chapter Opener** **OBJECTIVE** Review the concepts and skills acquired in their previous grades that are pre-requisite in this chapter. **BELLRINGER:** Vocabulary Review (Product, Quotient, Estimating, Evaluate) **ACTIVITY:** >Estimating whole number products and quotients. >Multiplying and dividing whole numbers
REMARKS: Friday activity last week was not done because of the need for the students to master the skills in finding GCF and LCM.				