

706 Main St, Edmore, ND 58330

WEEKLY LESSON PLAN in MATH 6

1st Period: 8:40 - 9:32

TEACHER: MARICAR HERNANDEZ			Week of: <u>Jan. 08 – Jan. 12, 2024</u>		
MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	
January 08, 2024	January 09, 2024	January 10, 2024	January 11, 2024	January 12, 2024	
STANDARDS: 6.NS.1-4,7, 6.RP.1-3,	STANDARDS: 6.NS.1-4,7, 6.RP.1-3,	STANDARDS: 6.EE.3, 6.EE.4	STANDARDS: 6.NS.4 6.EE.3,	STANDARDS: 6.NS.4 6.EE.3,	
6.EE.1-4	6.EE.1-4		6.EE.4	6.EE.4	
		CHAPTER 5: ALGEBRAIC			
REVIEW DAY	SEMESTER TEST	EXPRESSIONS AND PROPERTIES	CHAPTER 5: ALGEBRAIC	CHAPTER 5: ALGEBRAIC	
		LESSON 5.4: The Distributive	EXPRESSIONS AND PROPERTIES	EXPRESSIONS AND PROPERTIES	
OBJECTIVES:	OBJECTIVES:		LESSON 5.5: Factoring	LESSON 5.5: Factoring	
*Review and refresh the concepts	*Apply the concepts and skills	Property	Expressions	Expressions	
and skills acquired in Chapters 1 – 5	acquired in Chapters 1 – 5 lessons.	OBJECTIVES:	Expressions	Expressions	
lessons.	ACTIVITY: ASSESSMENT	*Explain how to apply the Distributive	OBJECTIVES:	OBJECTIVES:	
BELLRINGER:	1 Numerical Expressions and Factors	Property.	*Use the Distributive Property to	*Use the Distributive Property to	
Write concepts or key ideas they can	2 Fractions and Decimals	*Use the Distributive Property to	factor numerical expressions.	factor numerical expressions.	
remember in chapter 1 – 5 lessons.	3 Ratios and Rates	simplify algebraic expressions.	*Identify the greatest common factor	*Identify the greatest common factor	
·	4 Percents	*Use the Distributive Property to	of terms, including variables.	of terms, including variables.	
ACTIVITY: REVIEW	5 Algebraic Expressions and	combine like terms.	*Use the Distributive Property to	*Use the Distributive Property to	
1 Numerical Expressions and Factors	Properties	BELLRINGER:	factor algebraic expressions. *Interpret factored expressions in	factor algebraic expressions. *Interpret factored expressions in	
2 Fractions and Decimals		Review and Refresh	real-life problems.	real-life problems.	
3 Ratios and Rates 4 Percents		Page 225, Nos. 4 – 7	real me presieme.	real me president.	
5 Algebraic Expressions and			BELLRINGER:	BELLRINGER:	
Properties		ACTIVITY: (Exercise)	Vocabulary Practice	Review and Refresh	
1.1343.133		>Simplifying algebraic expressions.	-factoring an expression	Page 231, Nos. 5 – 8	
		>Combining like terms.	A OTINITY (D)	A O T IV (
		>Modeling real life.	ACTIVITY: (Discussion)	ACTIVITY: (Exercise)	
		EXERCISE/ASSIGNMENT:	>Factoring numerical expressions. >Factoring algebraic expressions.	>Factoring numerical expressions. >Factoring algebraic expressions.	
		Page 226, Nos. 36 – 43, 35, 49	>Modeling real life	>Modeling real life	
		1 490 220, 1103. 00 - 40, 00, 40	- Modeling real inc	- Modeling rear me	
			EXERCISE/ASSIGNMENT:	EXERCISE/ASSIGNMENT:	
			Journal Page 122, Nos.1 – 7	Page 231-232, Nos. 17-20, 35-38,	
			5.5 Puzzle Time	57-58	



706 Main St, Edmore, ND 58330

WEEKLY LESSON PLAN in MATH 7

3rd Period: 10:30 - 11:22

Week of: <u>Jan. 08 – Jan. 12, 2024</u>

TEACHER: MARICAR HERNANDEZ

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
January 08, 2024	January 09, 2024	January 10, 2024	January 11, 2024	January 12, 2024
STANDARDS: 7.NS.1-3, 7.RP.1-3, 7.EE.3, 7.G.1	STANDARDS: 7.NS.1-3, 7.RP.1-3, 7.EE.3, 7.G.1	STANDARDS: 7.EE.1, 7.EE.2	STANDARDS: 7.EE.1, 7.EE.2	STANDARDS: 7.EE.1, 7.EE.2
REVIEW DAY	SEMESTER TEST	CHAPTER 5: EXPRESSIONS	CHAPTER 5: EXPRESSIONS	CHAPTER 5: EXPRESSIONS
		LESSON 5.2: Adding and Subtracting Linear Expressions	LESSON 5.2: Adding and Subtracting Linear Expressions	LESSONS 5.1 - 5.2: Mid-Chapter QUIZ
OBJECTIVES: *Review and refresh the concepts	OBJECTIVES: *Apply the concepts and skills	OBJECTIVES:	OBJECTIVES:	OBJECTIVES:
and skills acquired in Chapters 1 – 4 lessons.	acquired in Chapters 1 – 4 lessons.	*Explain the difference between linear and nonlinear expressions.	*Explain the difference between linear and nonlinear expressions.	*Apply the concepts and skills acquired in lessons 5.1-5.2.
BELLRINGER:	ACTIVITY: ASSESSMENT 1 Adding and Subtracting Rational	*Find opposites of terms that include	*Find opposites of terms that include	
Write concepts or key ideas they can remember in chapter 1 – 4 lessons.	Numbers 2 Multiplying and Dividing Rational	variables. *Apply properties of operations to	variables. *Apply properties of operations to add	BELLRINGER: Short review
ACTIVITY: REVIEW	Numbers 3 Percents	add and subtract linear expressions.	and subtract linear expressions.	ACTIVITY:
1 Adding and Subtracting Rational Numbers	4 Ratios and Proportions	BELLRINGER: Define: Linear expression	BELLRINGER: You be a Teacher	5.1 Algebraic Expressions 5.2 Adding and Subtracting Linear
2 Multiplying and Dividing Rational Numbers		ACTIVITY:	Page 102, No.27	Expressions
3 Percents 4 Ratios and Proportions		> Adding linear expressions. >Subtracting linear expressions.	> Adding linear expressions.	
		>Modeling real life.	>Subtracting linear expressions. >Modeling real life.	
		EXERCISE/ASSIGNMENT:	EVEDOICE/A COLONIMENT.	
		Page 101, Nos.10-13,19-22,18,30	EXERCISE/ASSIGNMENT: Puzzle Time	
			Journal Page 58, Nos. 1,2,5,6,7,10	



706 Main St, Edmore, ND 58330

WEEKLY LESSON PLAN in **GEOMETRY**

4th Period: 11:25 - 12:17

TEACHER: MARICAR HERNANDEZ Week of: Jan. 08 – Jan. 12, 202				f: <u>Jan. 08 – Jan. 12, 2024</u>
MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
January 08, 2024	January 09, 2024	January 10, 2024	January 11, 2024	January 12, 2024
STANDARDS: 9-10.GM.1-10,14-16	STANDARDS: 9-10.GM.1-10,14-16	STANDARDS: HSG-CO.10	STANDARDS: HSG-CO.10, HSG-MG.1	STANDARDS: HSG-CO.10, HSG-MG.1
REVIEW DAY OBJECTIVES: *Review and refresh the concepts and skills acquired in Chapters 1 – 6 lessons. BELLRINGER: Write concepts or key ideas they can remember in chapter 1 – 6 lessons. ACTIVITY: REVIEW 1 Basics of Geometry 2 Reasoning and Proofs 3 Parallel and Perpendicular Lines 4 Transformations 5 Congruent Triangles 6 Relationships within Triangles	SEMESTER TEST OBJECTIVES: *Apply the concepts and skills acquired in Chapters 1 – 6 lessons. ACTIVITY: ASSESSMENT 1 Basics of Geometry 2 Reasoning and Proofs 3 Parallel and Perpendicular Lines 4 Transformations 5 Congruent Triangles 6 Relationships within Triangles	CHAPTER 6: RELATIONSHIPS WITHIN TRIANGLES LESSON 6.6: Inequalities in Two Triangles OBJECTIVES: *Compare measures in triangles. *Solve real-life problems using the hinge theorem. BELLRINGER: Warm Up Activity! Determine if there are enough information to prove that the two triangles are congruent. ACTIVITY: >The Hinge Theorem	HSG-MG.1 CHAPTER 6: RELATIONSHIPS WITHIN TRIANGLES LESSON 6.4 – 6.6: QUIZ OBJECTIVES: *Apply the concepts and skills acquired in lessons 6.4 – 6.6. BELLRINGER: Define the chapter vocabulary. ACTIVITY: QUIZ 6.4 The triangles midsegment theorem 6.5 Indirect proof and inequalities in one triangle	HSG-MG.1 CHAPTER 6: RELATIONSHIPS WITHIN TRIANGLES LESSON: Chapter Test OBJECTIVES: *Apply the concepts and skills acquired in Chapter 6. BELLRINGER: Recap ACTIVITY: ASSESSMENT 6.1 Perpendicular and Angle Bisectors 6.2 Bisectors of Triangles 6.3 Medians and Altitudes of
		>Converse of the hinge theorem. >Using the hinge theorem >Solving real-life problem.	6.6 Inequalities in two triangles VOCABULARY QUIZ	Triangles 6.4 The Triangle Midsegment Theorem
		EXERCISE/ASSIGNMENT:	VOORBULANT QUIZ	6.5 Indirect Proof and Inequalities in One Triangle
		Pages 335-336, Nos. 1-8, 11-12,16		6.6 Inequalities in Two Triangles



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WEEKLY LESSON PLAN in MATH 8

6th Period: 1:37 - 2:29

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
January 08, 2024	January 09, 2024	January 10, 2024	January 11, 2024	January 12, 2024
STANDARDS: 8.NS.1-3. 8.O.1-2, 8.EE.1-7, 8.GF.1-3 8.GF.5-6 REVIEW DAY DBJECTIVES: Review and refresh the concepts and skills acquired in Chapters 1 – 4 dessons. BELLRINGER: Write concepts or key ideas they can demember in chapter 1 – 4 lessons. ACTIVITY: REVIEW Equations Transformations Exponents and Scientific Notation Real Numbers and the Pythagorean Theorem	STANDARDS: 8.NS.1-3. 8.O.1-2, 8.EE.1-7, 8.GF.1-3, 8.GF.5-6 SEMESTER TEST OBJECTIVES: *Apply the concepts and skills acquired in Chapters 1 – 4 lessons. ACTIVITY: ASSESSMENT 1 Equations 2 Transformations 3 Exponents and Scientific Notation 4 Real Numbers and the Pythagorean Theorem	STANDARDS: 8.NS.1-3, 8.O.1-2 8.EE.2, 8.GF.5-6 CHAPTER 4: REAL NUMBERS AND THE PYTHAGOREAN THEOREM LESSON: Vocab QUIZ and Chapter Review OBJECTIVES: *Review the concepts and skills acquired in chapter 4 lessons. BELLRINGER: State the Pythagorean Theorem ACTIVITY: >Vocabulary QUIZ REVIEW 4.1 Finding Square Roots 4.2 The Pythagorean Theorem 4.3 Finding Cube Roots 4.4 Rational Numbers 4.5 Irrational Numbers 4.6 The Converse of the Pythagorean Theorem	STANDARDS: 8.NS.1-3, 8.O.1-2 8.EE.2, 8.GF.5-6 CHAPTER 4: REAL NUMBERS AND THE PYTHAGOREAN THEOREM LESSON: Chapter Test OBJECTIVES: *Apply the concepts and skills acquired in chapter 4 lessons. BELLRINGER: State the Converse of the Pythagorean Theorem ACTIVITY: ASSESSMENT 4.1 Finding Square Roots 4.2 The Pythagorean Theorem 4.3 Finding Cube Roots 4.4 Rational Numbers 4.5 Irrational Numbers 4.6 The Converse of the Pythagorean Theorem	STANDARDS: 8.O.1, 8.EE.2 CHAPTER 4: REAL NUMBERS AND THE PYTHAGOREAN THEOREM LESSON: Performance Task "Identify and Correct the Error!" OBJECTIVES: *Find the square roots of perfect squares. *Evaluate expressions involving square roots. BELLRINGER: Write the first ten perfect square numbers. ACTIVITY: Students will find the period of a pendulum given the length using the formula $T=1.1\sqrt{L}$ for three different lengths. Students will evaluate expressions involving square roots. Students will be given the calculations for two different periods of a pendulum that are incorrectly solved using the formula $T=1.1\sqrt{L}$. Students must
				describe, analyze, and correct each error.



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WEEKLY LESSON PLAN in ALGEBRA 1

7th Period: 2:32 - 3:25

TEACHER: MARICAR HERNANDEZ			Week of: <u>Jan. 08 – Jan. 12, 2024</u>		
MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	
January 08, 2024	January 09, 2024	January 10, 2024	January 11, 2024	January 12, 2024	
STANDARDS: 9-10.AR.7-9	STANDARDS: 9-10.AR.7-9	STANDARDS: 9-10.AR.7-9	STANDARDS: 9-10.NO.1	STANDARDS: 9-10.NO.1	
CHAPTER 5: SOLVING SYSTEMS OF LINEAR EQUATIONS	CHAPTER 5: SOLVING SYSTEMS OF LINEAR EQUATIONS	CHAPTER 5: SOLVING SYSTEMS OF LINEAR EQUATIONS	CHAPTER 6: EXPONENTIAL FUNCTIONS AND SEQUENCES	CHAPTER 6: EXPONENTIAL FUNCTIONS AND SEQUENCES LESSON 6.1: Properties of	
LESSONS 5.5 – 5.7: End – Chapter	LESSON: Chapter Review and	LESSON: Chapter Test	LESSON: Chapter Opener	Exponents	
QUIZ	Vocabulary Quiz			OBJECTIVES:	
OBJECTIVES:	OBJECTIVES:	OBJECTIVES:	OBJECTIVES:	*Explain the meaning of zero and	
*Apply the concepts and skills	*Review the concepts and skills	*Apply the concepts and skills	*Review prerequisite concepts and	negative exponents.	
acquired in lessons 5.5 – 5.7.	acquired in Chapter 5 lessons.	acquired in Chapter 5 lessons.	skills in chapter 6.	*Evaluate and simplify expressions involving zero and negative	
BELLRINGER:	BELLRINGER:	BELLRINGER:	BELLRINGER:	exponents.	
Short Review	Define the vocabulary in your own	Define the vocabulary in your own	Vocabulary Practice	*Simplify expressions using properties	
	words.	words.	*Exponential Function	of exponents.	
ACTIVITY:				BELLRINGER:	
QUIZ	ACTIVITY:	ACTIVITY:	ACTIVITY:	Evaluate the expression.	
5.5 Solving Equations by Graphing	>Vocabulary Quiz	ASSESSMENT	>Watch the STEM Video: National	1.) 71	
5.6 Graphing Linear Inequalities in	REVIEW	5.1 Solving System of Linear	Geographic Explorer by Nathan D.	2.) -1 x 1 ⁴ x (-4) ³	
Two Variables	5.1 Solving System of Linear	Equations by Graphing	Wolfe	ACTIVITY:	
5.7 Systems of Linear Inequalities	Equations by Graphing	5.2 Solving System of Linear	>Review:	>Exploration	
	5.2 Solving System of Linear	Equations by Substitution	-using order of operations	>Using zero and negative exponents.	
	Equations by Substitution	5.3 Solving System of Linear	-finding square roots	>Simplifying an expression.	
	5.3 Solving System of Linear	Equations by Elimination	-writing equations for arithmetic	>Using properties of exponents.	
	Equations by Elimination	5.4 Solving Special Systems of	sequences	>Simplifying a real-life expressions	
	5.4 Solving Special Systems of Linear	Linear Equations	DDA OTIOF EVEDOICE.	>Modeling real life	
	Equations	5.5 Solving Equations by Graphing	PRACTICE EXERCISE:	EVED CICE / A COLONIMENT.	
	5.5 Solving Equations by Graphing	5.6 Graphing Linear Inequalities in Two Variables	Page 298, Nos. 1 – 10	EXERCISE/ASSIGNMENT:	
	5.6 Graphing Linear Inequalities in Two Variables	5.7 Systems of Linear Inequalities		Page 304, Nos. 1,3,5,7,11,13,15,19,	
	5.7 Systems of Linear Inequalities	5.7 Systems of Linear mequalities		21,23,25,29,30, 33,34,35,37,43-46, 51,52	
	J. 7 Systems of Linear medualities			31,32	