

706 Main St, Edmore, ND 58330

## **WEEKLY LESSON PLAN** in MATH 6

2<sup>nd</sup> Period: 9:35 – 10:27

March 04, 2024	March 05, 2024	March 06, 2024	THURSDAY March 07, 2024	FRIDAY March 08, 2024
ANDARDS: 6.GM.AV.1	STANDARDS: 6.GM.AV.1	STANDARDS: 6.GM.AV.1		STANDARDS: 6.GM.AV.1
APTER 7: AREA, SURFACE AREA AND VOLUME	CHAPTER 7: AREA, SURFACE AREA AND VOLUME	CHAPTER 7: AREA, SURFACE AREA AND VOLUME	FIELD TRIP @	CHAPTER 7: AREA, SURFACE AREA AND VOLUME
SSON 7.7: Volumes of Rectangular Prisms	LESSONS 7.4 – 7.7: End – Chapter QUIZ	LESSON: Chapter Review and Vocabulary Quiz	Winter Park	LESSON: Chapter Test
•	OBJECTIVES:	_		OBJECTIVES:
BJECTIVES:	*Apply the concepts and skills	OBJECTIVES:		*Apply the concepts and skills
se a formula to find the volume of a	acquired in lessons 7.4 – 7.7.	*Review the concepts and skills		acquired in Chapter 7 lessons.
stangular prism. se a formula to find the volume of a	BELLRINGER:	acquired in Chapter 7 lessons using a graphic organizer.		BELLRINGER:
De.	Find the volume of a cube with a side	grapine organizer.		Write the formulas of finding the
se the volume of a rectangular	length of 4/5 in.	BELLRINGER:		areas of parallelogram, triangle,
sm and two of its dimensions to		Choose two vocabulary in this		trapezoid and kite. Describe hoe to
d the other dimension.	ACTIVITY:	chapter and define them in own		get surface areas of prisms and
oply volumes of rectangular prisms	QUIZ	words.		pyramids. Write the formula of find
solve real-life problems.	7.4 Three-Dimensional Figures	A OTIVITY.		the volume of rectangular prisms,
LLRINGER:	7.5 Surface Areas of Prisms 7.6 Surface Areas of Pyramids	ACTIVITY: >Vocabulary QUIZ		ACTIVITY:
view and Refresh	7.0 Surface Areas of Fyramids 7.7 Volumes of Rectangular Prisms	REVIEW – Use a <b>Four Square</b> to		ASSESSMENT
ge 329, No. 2	7.7 Volumes of Rectangular Froms	organize information about a concept.		7.1 Areas of Parallelograms
g,		7.1 Areas of Parallelograms		7.2 Areas of Triangles
TIVITY:		7.2 Areas of Triangles		7.3 Areas of Trapezoids and Kites
inding a missing dimension of a		7.3 Areas of Trapezoids and Kites		7.4 Three-Dimensional Figures
tangular prism.		7.4 Three-Dimensional Figures		7.5 Surface Areas of Prisms
EDGICE/A COLONMENT.		7.5 Surface Areas of Prisms		7.6 Surface Areas of Pyramids
ERCISE/ASSIGNMENT: ge 330, Nos. 15-17,18,19		7.6 Surface Areas of Pyramids 7.7 Volumes of Rectangular Prisms		7.7 Volumes of Rectangular Prisms



706 Main St, Edmore, ND 58330

## **WEEKLY LESSON PLAN** in MATH 7

3rd Period: 10:30 - 11:22

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
March 04, 2024	March 05, 2024	March 06, 2024	March 07, 2024	March 08, 2024
STANDARDS: 7.GM.AV.1-2	STANDARDS: 7.GM.AV.1-2	STANDARDS: 7.GM.AV.1-2	·	STANDARDS: 7.GM.AV.1-2
CHAPTER 7: GEOMETRIC SHAPES AND ANGLES	CHAPTER 7: GEOMETRIC SHAPES AND ANGLES	CHAPTER 7: GEOMETRIC SHAPES AND ANGLES	FIELD TRIP @	CHAPTER 7: GEOMETRIC SHAPES AND ANGLES
LESSON 7.3: Perimeters and Areas of Composite Figures	LESSON 7.3: Perimeters and Areas of Composite Figures	LESSON 7.4: Finding Unknown Angle Measures	Winter Park	LESSON 7.4: Finding Unknown Angle Measures
OBJECTIVES:	OBJECTIVES:	OBJECTIVES:		OBJECTIVES:
*Use a grid to estimate perimeters	*Use a grid to estimate perimeters	*Identify adjacent, complementary,		*Identify adjacent, complementary,
and areas.	and areas.	supplementary, and vertical angles.		supplementary, and vertical angles.
Identify the shapes that make up a	*Identify the shapes that make up a	*Use equations to find unknown		*Use equations to find unknown ang
composite figure.	composite figure.	angle measures.		measures.
*Find the perimeter and areas of	*Find the perimeter and areas of	*Find unknown angle measures in		*Find unknown angle measures in
shapes that make up composite	shapes that make up composite	real -life situations.		real -life situations.
figures.	figures.			
		BELLRINGER:		BELLRINGER:
BELLRINGER:	BELLRINGER:	Define: adjacent angles,		You Be The Teacher
Review and Refresh	You Be The Teacher	complementary angles,		Page 394, No.12
Page 379, Nos. 1 and 2	Page 380, No.18	supplementary angles,		
		vertical angles		ACTIVITY:
ACTIVITY:	ACTIVITY:	ACTIVITY:		>Finding an angle measure.
>Exploration 1: Submitting a bid.	>Finding perimeter and area.	>Exploration 1: Using rules about		>Modeling real life.
>Estimating perimeter and area.	>Modeling real life.	angles.		
>Finding perimeter and area.		>Naming angles.		EXERCISE/ASSIGNMENT:
	EXERCISE/ASSIGNMENT:	>Using pairs of angles.		Page 395, Nos. 20-28, 29-31
EXERCISE/ASSIGNMENT:	Page 380, Nos. 16-17,20			
Page 379, Nos. 9,-14, 15	Puzzle Time	EXERCISE/ASSIGNMENT:		
		Page 394, Nos. 8-11, 13-15, 16-18		



706 Main St, Edmore, ND 58330

# WEEKLY LESSON PLAN in GEOMETRY

4th Period: 11:25 - 12:17

Week of: Mar 04 - 08 2024

TEACHER: MARICAR HERNANDEZ

TEACHER: MAKICAR HERN	ANDEZ	vve	week or. <u>Mar. 04 – 08, 2024</u>	
MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
March 04, 2024	March 05, 2024	March 06, 2024	March 07, 2024	March 08, 2024
STANDARDS: 9-10.GM.18,19,20,21	STANDARDS: 9-10.GM.18,19,20,21	STANDARDS: 9-10.GM.18,19,20,21		STANDARDS: 9-10.GM.18,19,20,21
CHAPTER 9: RIGHT TRIANGLES AND TRIGONOMETRY	CHAPTER 9: RIGHT TRIANGLES AND TRIGONOMETRY	CHAPTER 9: RIGHT TRIANGLES AND TRIGONOMETRY	FIELD TRIP @	CHAPTER 9: RIGHT TRIANGLES AND TRIGONOMETRY
			Winter Dork	
LESSON 9.5: The Sine and Cosine Ratios	LESSON 9.6: Solving Right Triangles	LESSON 9.7: Law of Sines and Cosines	Winter Park	LESSON 9.7: Law of Sines and Cosines
		OBJECTIVES:		
OBJECTIVES:	OBJECTIVES:	*Find areas of triangles using		OBJECTIVES:
*Explain the sine and cosine ratios.	*Explain inverse trigonometric ratios.	formulas that involve sine.		*Find areas of triangles using
*Find sine and cosine ratios.	*Use inverse trigonometric ratios to	*Solve triangles using the law of		formulas that involve sine.
*Use sine and cosine ratios to solve	approximate angle measures.	sines.		*Solve triangles using the law of
real-life problems.	*Solve right triangles.	*Solve triangles using the law of		sines.
	*Solve real-life problems by solving	cosines.		*Solve triangles using the law of
BELLRINGER:	right triangles.			cosines.
Error Analysis		BELLRINGER:		
Page 480, No 25	BELLRINGER:	Warm Up Activity!		BELLRINGER:
	Prerequisite Skills Practice:	Solve the proportion.		Error Analysis
ACTIVITY:	Find the value of x then find sin $\theta$ ,	$\frac{a}{\sin 28} = \frac{21}{\sin 65}$		Page 495, No.29
>Finding the sine and cosine of 45°.	$\cos \theta$ , $\tan \theta$ .	sin 28 sin 65		
>Finding the sine and cosine of 30°.		ACTIVITY:		ACTIVITY:
>Modeling real life.	ACTIVITY:	>Finding trigonometric ratios for		>Using the law of cosines (SAS
	>Identifying angles from	obtuse angle.		Case)
EXERCISE/ASSIGNMENT:	trigonometric ratios.	>Finding the area of a triangle.		>Using the law of cosines (SSS
Page 480, Nos.21, 23,	>Finding angle measures.	>Using the law of sines (SSA Case)		Case)
Page 481, Nos. 27, 28, 35	>Solving a right triangle.	>Using the law of sines (AAS Case)		>Modeling real life.
	>Modeling real life.	>Using the law of sines (ASA Case)		EVEROISE/A SOLOMBENT
				EXERCISE/ASSIGNMENT:
	EXERCISE/ASSIGNMENT:	EXERCISE/ASSIGNMENT:		Page 495, Nos. 21,23,25,27,37,38
	Page 487, Nos. 1,3,5,7,9,11,13,15,	Page 495, Nos 1,3,7,11,13,15,20		
	19,20			

REMARKS: The Monday and Tuesday activities are carried over from last week because the students had counseling on Monday and the Tobacco Coalition on Wednesday.



706 Main St, Edmore, ND 58330

## **WEEKLY LESSON PLAN** in ALGEBRA 1

5th Period: 12:42 - 1:34

TEACHER: MARICAR HERNANDEZ			Week of: Mar. 04 - 08, 2024		
MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	
March 04, 2024	March 05, 2024	March 06, 2024	March 07, 2024	March 08, 2024	
STANDARDS: 9-10.AR.11	STANDARDS: 9-10.AR.11	STANDARDS: 9-10.AR.11		STANDARDS: 9-10.AR.10,	
				9-10.AR.F.3-12	
CHAPTER 7: POLYNOMIAL	CHAPTER 7: POLYNOMIAL	CHAPTER 7: POLYNOMIAL	FIELD TRIP @		
EQUATIONS AND FACTORING	EQUATIONS AND FACTORING	EQUATIONS AND FACTORING	•	CHAPTER 8: GRAPHING	
LESSON: Chanter Berievy and	LESCON, Chapter Tool	I ESSON, Douformana Took	Winter Park	QUADRATIC FUNCTIONS	
LESSON: Chapter Review and Vocabulary QUIZ	LESSON: Chapter Test	LESSON: Performance Task "The View Matters"	······································	LESSON 8.1: Graphing	
OBJECTIVES:	OBJECTIVES:	THE VIEW MALLETS		$f(x) = ax^2$	
*Review the concepts and skills	*Apply the concepts and skills	OBJECTIVES:		OBJECTIVES:	
acquired in Chapter 7 lessons.	acquired in Chapter 7 lessons.	*Perform operations with		*Identify characteristics of quadratic	
BELLRINGER:	·	polynomials.		functions and their graphs.	
Find the product:	BELLRINGER:	*Identify ways to rewrite an		*Graph quadratic functions of the form	
(x+6)(x-4)	Factor: $x^2 - 11x + 28$	expression.		$f(x)=ax^2.$	
(2y+4)(2y-4)		*Factor a polynomial to find the		*Compare the graph of $f(x) = ax^2$ to	
ACTIVITY:	ACTIVITY:	roots of a polynomial equation.		the graph of the parent quadratic $f(x) = x^2$ .	
>Vocabulary QUIZ	ASSESSMENT	A OTIVITY		$f(x) = x^{-}$ .	
REVIEW – Make a graphic organizer	7.1 Adding and Subtracting	ACTIVITY: >Students look at different		BELLRINGER:	
using the <b>Definition(Idea) and Example Chart.</b>	Polynomials 7.2 Multiplying and Dividing	representations of a polynomial and		Graph $y = \frac{2}{3}x + 2$ .	
7.1 Adding and Subtracting	Polynomials	select which representation might		ACTIVITY:	
Polynomials	7.3 Special Products of Polynomials	be best to help them find the		>Watch National Geographic Explorer	
7.2 Multiplying and Dividing	7.4 Solving Polynomial Equations in	solution of a problem.		(Explore Math).	
Polynomials	Factored Form			>Identifying characteristics of a	
7.3 Special Products of Polynomials	7.5 Factoring $x^2 + bx + c$	Mathematical Discourse		quadratic function.	
7.4 Solving Polynomial Equations in	7.6 Factoring $ax^2 + bx + c$	Why do we combine like terms or		>Graphing $y=ax^2$ when $a > 0$ .	
Factored Form	7.7 Factoring Special Products	rewrite polynomials? Is it an		> Graphing $y=ax^2$ when a < 0.	
7.5 Factoring $x^2 + bx + c$	7.8 Factoring Polynomials	important skill? Why or why not?		>Modeling real life.	
7.6 Factoring $ax^2 + bx + c$	Completely				
7.7 Factoring Special Products				EXERCISE/ASSIGNMENT:	
7.8 Factoring Polynomials				Page 429, Nos.1-4,5,6,7,9,13,15	
Completely				Puzzle Time	



706 Main St, Edmore, ND 58330

## **WEEKLY LESSON PLAN** in MATH 8

6th Period: 1:37 - 2:29

EACHER: MARICAR HERN. MONDAY	TUESDAY	WEDNESDAY	THURSDAY	ek of: <u>Mar. 04 – 08, 2024</u> FRIDAY
March 04, 2024	March 05, 2024	March 06, 2024	March 07, 2024	March 08, 2024
STANDARDS: 8.AR.F.1 – 5	STANDARDS: 8.AR.F.1 – 5	STANDARDS: 8.GM.GF.4	,	STANDARDS: 8.GM.GF.4
CHAPTER 7: FUNCTIONS	CHAPTER 7: FUNCTIONS LESSON: Performance Task	CHAPTER 8: ANGLES AND TRIANGLES	FIELD TRIP @	CHAPTER 8: ANGLES AND TRIANGLES
ESSON: Chapter Test	"Heat Index"		Winter Park	11.11.11.02.20
	OBJECTIVES:	LESSON 8.1: Parallel Lines and	willer Fark.	LESSON 8.1: Parallel Lines and
BJECTIVES:	*Understand that the equation $y =$	Transversal		Transversal
Apply the concepts and skills	mx + b defines a linear function.			
equired in chapter 7 lessons.	*Write a linear function using a table	OBJECTIVES:		OBJECTIVES:
	and graph.	*Identify congruent angles when a		*Identify congruent angles when a
ELLRINGER:	*Use a linear function to estimate	transversal intersects parallel lines.		transversal intersects parallel lines.
rite a function rule:	values.	*Find angle measures when a		*Find angle measures when a
ne output is five less than twice the	BELLRINGER:	transversal intersects parallel lines.		transversal intersects parallel lines.
put.	Write a function rule:	BELLRINGER:		DELL DINGED
CTIVITY:	The output is eight less than thrice the input.	Define: parallel lines, perpendicular		BELLRINGER:
SSESSMENT	ACTIVITY:	lines, transversal		Define: interior angles,
1 Relations and Functions	Students will be given the rate at	iiiles, tiarisveisai		exterior angles
2 Representations of Functions	which the Heat Index increases for a	ACTIVITY:		ACTIVITY:
3 Linear Functions	specific temperature interval and a	>Watch Steam Video.		>Identifying angle relationship.
4 Comparing Linear and Nonlinear	specific relative humidity value.	>Finding angle measures.		>Modeling real life.
Functions	Students will construct a table that	>Using corresponding angles.		iviodoling roar ino.
5 Analyzing and Sketching Graphs	relates the temperature to the Heat	3 1 3 1 1 3 1 3 1 3 1 1 1 1 1 1 1 1 1 1		EXERCISE/ASSIGNMENT:
, , , , , , , , , , , , , , , , , , , ,	Index. Students will graph the data	EXERCISE/ASSIGNMENT:		Page 109, Nos. 23,28,29
	and describe the pattern of the graph.	Page 108, Nos.8 – 11,		Puzzle Time
	Students will write a linear function to	Page 109, Nos. 14 – 16, 17 – 22		
	represent this data. Students will			
	estimate the Heat Index at a specific			
	temperature and relative humidity			
	value.			