



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. 26 – Mar. 01, 2024

MONDAY <i>February 26, 2024</i>	TUESDAY <i>February 27, 2024</i>	WEDNESDAY <i>February 28, 2024</i>	THURSDAY <i>February 29, 2024</i>	FRIDAY <i>March 01, 2024</i>
<p>STANDARDS: 6.GM.AV.1</p> <p>CHAPTER 7: AREA, SURFACE AREA AND VOLUME</p> <p>LESSON 7.5: Surface Areas of Prisms</p> <p>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.</p> <p>BELLRINGER: You Be The Teacher Page 317, No.36</p> <p>ACTIVITY: >Finding the surface area of a triangular prism. > Finding the surface area of a cube.</p> <p>EXERCISE/ASSIGNMENT: Page 317, Nos. 24-26, 32-34,31</p>	<p>STANDARDS: 6.GM.AV.1</p> <p>CHAPTER 7: AREA, SURFACE AREA AND VOLUME</p> <p>LESSON 7.6: Surface Areas of Pyramids</p> <p>OBJECTIVES: *Draw nets to represent pyramids. *Use nets to find the surface areas of pyramids. *Apply surface areas of pyramids to solve real-life problems.</p> <p>BELLRINGER: Review and Refresh Page 323, No.1</p> <p>ACTIVITY: >Exploration 1 and 2 >Finding the surface area of a square pyramid.</p> <p>EXERCISE/ASSIGNMENT: Page 323, Nos. 13,15,16,17</p>	<p>STANDARDS: 6.GM.AV.1</p> <p>CHAPTER 7: AREA, SURFACE AREA AND VOLUME</p> <p>LESSON 7.6: Surface Areas of Pyramids</p> <p>OBJECTIVES: *Draw nets to represent pyramids. *Use nets to find the surface areas of pyramids. *Apply surface areas of pyramids to solve real-life problems.</p> <p>BELLRINGER: Review and Refresh Page 323, No.3</p> <p>ACTIVITY: >Finding the surface area of a triangular pyramid. >Modeling real life.</p> <p>EXERCISE/ASSIGNMENT: Page 323, Nos. 18-20,21</p>	<p>STANDARDS: 6.GM.AV.1</p> <p>CHAPTER 7: AREA, SURFACE AREA AND VOLUME</p> <p>LESSON 7.7: Volumes of Rectangular Prisms</p> <p>OBJECTIVES: *Use a formula to find the volume of a rectangular prism. *Use a formula to find the volume of a cube. *Use the volume of a rectangular prism and two of its dimensions to find the other dimension. *Apply volumes of rectangular prisms to solve real-life problems.</p> <p>BELLRINGER: Review and Refresh Page 329, No. 1</p> <p>ACTIVITY: >Finding volumes of rectangular prisms. >Modeling real life.</p> <p>EXERCISE/ASSIGNMENT: Page 329, Nos. 6-14</p>	<h1>NO SCHOOL</h1>
<p>REMARKS:</p>				



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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: Feb. 26 – Mar. 01, 2024

MONDAY <i>February 26, 2024</i>	TUESDAY <i>February 27, 2024</i>	WEDNESDAY <i>February 28, 2024</i>	THURSDAY <i>February 29, 2024</i>	FRIDAY <i>March 01, 2024</i>
<p>STANDARDS: 7.GM.AV.1</p> <p>CHAPTER 7: GEOMETRIC SHAPES AND ANGLES</p> <p>LESSON 7.1: Circles and Circumference</p> <p>OBJECTIVES: *Explain the relationship between the diameter and circumference of a circle. *Use a formula to find the circumference of a circle.</p> <p>BELLRINGER: Prerequisite Skills Practice *Find the perimeter of the polygons.</p> <p>ACTIVITY: >Watch the STEAM Video. >Using a compass to draw a circle. >Finding a radius and a diameter. >Finding circumferences of circles.</p> <p>EXERCISE/ASSIGNMENT: Page 366, Nos. 6-8, 9-11, 12-14</p>	<p>STANDARDS: 7.GM.AV.1</p> <p>CHAPTER 7: GEOMETRIC SHAPES AND ANGLES</p> <p>LESSON 7.1: Circles and Circumference</p> <p>OBJECTIVES: *Explain the relationship between the diameter and circumference of a circle. *Use a formula to find the circumference of a circle.</p> <p>BELLRINGER: What is the circumference of a lip balm tube with radius 0.5 mm. Use 3.14 or $22/7$ for π.</p> <p>ACTIVITY: >Finding the perimeter of a semicircular region. >Modeling real life.</p> <p>EXERCISE/ASSIGNMENT: Page 367, Nos. 15-16,20,21,26 Puzzle Time</p>	<p>STANDARDS: 7.GM.AV.1</p> <p>CHAPTER 7: GEOMETRIC SHAPES AND ANGLES</p> <p>LESSON 7.2: Areas of Circles</p> <p>OBJECTIVES: *Estimate the area of a circle. *Use a formula to find the area of a circle.</p> <p>BELLRINGER: Prerequisite Skills Practice *Find the area of triangles.</p> <p>ACTIVITY: >Exploration 2: Writing a formula for the area of a circle. >Finding areas of circles. >Finding the areas of a semicircle. >Modeling real life.</p> <p>EXERCISE/ASSIGNMENT: Page 373, Nos. 7-12 Page 374, Nos. 17-19,21</p>	<p>STANDARDS: 7.GM.AV.1</p> <p>CHAPTER 7: GEOMETRIC SHAPES AND ANGLES</p> <p>LESSONS 7.1-7.2: Mid – Chapter QUIZ</p> <p>OBJECTIVES: *Apply the concepts and skills acquired in lessons 7.1 – 7.2.</p> <p>BELLRINGER: What is the area of a playground with a diameter of 40 meters?</p> <p>ACTIVITY: QUIZ 7.1 Circles and Circumference 7.2 Areas of Circles</p>	<h1>NO SCHOOL</h1>
<p>REMARKS:</p>				



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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. 26 – Mar. 01, 2024

MONDAY <i>February 26, 2024</i>	TUESDAY <i>February 27, 2024</i>	WEDNESDAY <i>February 28, 2024</i>	THURSDAY <i>February 29, 2024</i>	FRIDAY <i>March 01, 2024</i>
<p>STANDARDS: 9-10.GM.18,19,20,21</p> <p>CHAPTER 9: RIGHT TRIANGLES AND TRIGONOMETRY</p> <p>LESSON 9.4: The Tangent Ratio</p> <p>OBJECTIVES: *Explain the tangent ratio. *Find tangent ratio. *Use tangent ratios to solve real-life problems.</p> <p>BELLRINGER: Prerequisite Skills Practice: In a given right triangle, find the value of x and calculate the ratio of y/x.</p> <p>ACTIVITY: > Finding tangent ratios. > Finding a leg length. > Using a special right triangle to find a tangent. > Modeling real-life.</p> <p>EXERCISE/ASSIGNMENT: Page 473, Nos. 2,4,6,8,12,13,14</p>	<p>STANDARDS: 9-10.GM.18,19,20,21</p> <p>CHAPTER 9: RIGHT TRIANGLES AND TRIGONOMETRY</p> <p>LESSON 9.5: The Sine and Cosine Ratios</p> <p>OBJECTIVES: *Explain the sine and cosine ratios. *Find sine and cosine ratios. *Use sine and cosine ratios to solve real-life problems.</p> <p>BELLRINGER: Error Analysis Page 473, Nos. 9 and 10</p> <p>ACTIVITY: > Finding sine and cosine ratios. > Rewriting trigonometric expressions. > Finding leg lengths.</p> <p>EXERCISE/ASSIGNMENT: Page 480, Nos. 1,2,3,7,9,11,13,15,17 19</p>	<p>STANDARDS: 9-10.GM.18,19,20,21</p> <p>CHAPTER 9: RIGHT TRIANGLES AND TRIGONOMETRY</p> <p>LESSON 9.5: The Sine and Cosine Ratios</p> <p>OBJECTIVES: *Explain the sine and cosine ratios. *Find sine and cosine ratios. *Use sine and cosine ratios to solve real-life problems.</p> <p>BELLRINGER: Error Analysis Page 480, No 25</p> <p>ACTIVITY: > Finding the sine and cosine of 45°. > Finding the sine and cosine of 30°. > Modeling real life.</p> <p>EXERCISE/ASSIGNMENT: Page 480, Nos.21, 23, Page 4891, Nos. 27, 28, 35</p>	<p>STANDARDS: 9-10.GM.18,19,20,21</p> <p>CHAPTER 9: RIGHT TRIANGLES AND TRIGONOMETRY</p> <p>LESSON 9.6: Solving Right Triangles</p> <p>OBJECTIVES: *Explain inverse trigonometric ratios. *Use inverse trigonometric ratios to approximate angle measures. *Solve right triangles. *Solve real-life problems by solving right triangles.</p> <p>BELLRINGER: Prerequisite Skills Practice: Find the value of x then find $\sin \theta$, $\cos \theta$, $\tan \theta$.</p> <p>ACTIVITY: > Identifying angles from trigonometric ratios. > Finding angle measures. > Solving a right triangle. > Modeling real life.</p> <p>EXERCISE/ASSIGNMENT: Page 487, Nos. 1,3,5,7,9,11,13,15, 19,20</p>	<h1>NO SCHOOL</h1>
<p>REMARKS:</p>				



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706 Main St, Edmore, ND 58330

WEEKLY LESSON PLAN in ALGEBRA 1

5th Period: 12:42 – 1:34

TEACHER: MARICAR HERNANDEZ

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<p>STANDARDS: 9-10.AR.11</p> <p>CHAPTER 7: POLYNOMIAL EQUATIONS AND FACTORING</p> <p>LESSON 7.6: Factoring $ax^2 + bx + c$</p> <p>OBJECTIVES: *Factor a polynomial using the GCF of the terms of the polynomial. *Factor polynomials of the form $ax^2 + bx + c$. *Explain how to use b and c to find binomial factors of a polynomial $ax^2 + bx + c$.</p> <p>BELLRINGER: Error Analysis Page 395, Nos. 23 and 24</p> <p>ACTIVITY: >Factoring out the GCF. >Factoring $ax^2 + bx + c$ when a and c are positive. > Factoring $ax^2 + bx + c$ when a is positive and c is negative. >Factoring $ax^2 + bx + c$ when a is negative. >Modeling real life.</p> <p>EXERCISE/ASSIGNMENT: Pages 401, Nos.1,3,9,11,15,17,23, 24</p>	<p>STANDARDS: 9-10.AR.11</p> <p>CHAPTER 7: POLYNOMIAL EQUATIONS AND FACTORING</p> <p>LESSON 7.7: Factoring Special Products</p> <p>OBJECTIVES: *Factor the difference of two squares. *Factor perfect square trinomials. *Solve real-life problems by factoring using special product patterns.</p> <p>BELLRINGER: Error Analysis Page 401, Nos. 21 and 22</p> <p>ACTIVITY: >Factoring the difference of two squares. >Evaluating a numerical expression. >Factoring perfect square trinomials. >Solving a polynomial equation. >Modeling real life.</p> <p>EXERCISE/ASSIGNMENT: Pages 407, Nos. 1,3,7,13,15,23,24, 25,29,33</p>	<p>STANDARDS: 9-10.AR.11</p> <p>CHAPTER 7: POLYNOMIAL EQUATIONS AND FACTORING</p> <p>LESSON 7.8: Factoring Polynomials Completely</p> <p>OBJECTIVES: *Factor polynomials by grouping. *Factor polynomials completely. *Solve real-life problems by factoring.</p> <p>BELLRINGER: Error Analysis Page 407, Nos. 21 and 22</p> <p>ACTIVITY: >Factoring polynomials by grouping. >Factoring polynomials completely. >Solving an equation by factoring completely. >Modeling real life.</p> <p>EXERCISE/ASSIGNMENT: Page 413, Nos. 1,2,9,15,22,23, 27-30, 33-34</p>	<p>STANDARDS: 9-10.AR.11</p> <p>CHAPTER 7: POLYNOMIAL EQUATIONS AND FACTORING</p> <p>LESSONS 7.5 – 7.8: End – Chapter QUIZ</p> <p>OBJECTIVES: *Apply the concepts and skills acquired in lessons 7.5 – 7.8.</p> <p>BELLRINGER: Error Analysis Page 413, Nos. 31 and 32</p> <p>ACTIVITY: QUIZ 7.5 Factoring $x^2 + bx + c$ 7.6 Factoring $ax^2 + bx + c$ 7.7 Factoring Special Products 7.8 Factoring Polynomials Completely</p>	<h1>NO SCHOOL</h1>
<p>REMARKS:</p>				



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WEEKLY LESSON PLAN in MATH 8

6th Period: 1:37 – 2:29

TEACHER: MARICAR HERNANDEZ

Week of: Feb. 26 – Mar. 01, 2024

MONDAY <i>February 26, 2024</i>	TUESDAY <i>February 27, 2024</i>	WEDNESDAY <i>February 28, 2024</i>	THURSDAY <i>February 29, 2024</i>	FRIDAY <i>March 01, 2024</i>
<p>STANDARDS: 8.AR.F.1 – 5</p> <p>CHAPTER 7: FUNCTIONS</p> <p>LESSON 7.5: Analyzing and Sketching Graphs</p> <p>OBJECTIVES: *Describe relationships between quantities in graphs. *Sketch graphs given verbal descriptions of relationships.</p> <p>BELLRINGER: Vocabulary Practice -mapping diagram</p> <p>ACTIVITY: >Exploration: Matching situations to graphs. >Exploration 2: Interpreting a graph. >Analyzing graphs. >Sketching graphs. >Modeling real life.</p> <p>EXERCISE/ASSIGNMENT: Page 305, Nos. 6-9, 10-15</p>	<p>STANDARDS: 8.AR.F.1 – 5</p> <p>CHAPTER 7: FUNCTIONS</p> <p>LESSON 7.5: Analyzing and Sketching Graphs</p> <p>OBJECTIVES: *Describe relationships between quantities in graphs. *Sketch graphs given verbal descriptions of relationships.</p> <p>BELLRINGER: Review and Refresh Page 305, Nos. 1 and 2</p> <p>ACTIVITY: >Analyzing graphs. >Sketching graphs. >Modeling real life.</p> <p>EXERCISE/ASSIGNMENT: Pages 306, Nos. 17,18-21,23 Puzzle Time</p>	<p>STANDARDS: 8.AR.F.1 – 5</p> <p>CHAPTER 7: FUNCTIONS</p> <p>LESSONS 7.3 – 7.5: End – Chapter QUIZ</p> <p>OBJECTIVES: *Apply the concepts and skills acquired in lessons 7.3 – 7.5.</p> <p>BELLRINGER: Write a function rule for the statement.</p> <ol style="list-style-type: none"> The output is two less than the input. The output is two more than one-fourth of the input. <p>ACTIVITY: QUIZ 7.3 Linear Functions 7.4 Comparing Linear and Nonlinear Functions 7.5 Analyzing and Sketching Graphs</p>	<p>STANDARDS: 8.AR.F.1 – 5</p> <p>CHAPTER 7: FUNCTIONS</p> <p>LESSON: Chapter Review</p> <p>OBJECTIVES: *Review the concepts and skills acquired in chapter 7 lessons.</p> <p>BELLRINGER: Graph the function: $y = x + 3$</p> <p>ACTIVITY: REVIEW 7.1 Relations and Functions 7.2 Representations of Functions 7.3 Linear Functions 7.4 Comparing Linear and Nonlinear Functions 7.5 Analyzing and Sketching Graphs</p> <p>>Making of graphic organizer using Example and Non-Example Chart.</p>	<h1>NO SCHOOL</h1>
<p>REMARKS:</p>				