



# Edmore Public School

706 Main St, Edmore, ND 58330

## WEEKLY LESSON PLAN in MATH 6

2<sup>nd</sup> Period: 9:35 – 10:27

TEACHER: MARICAR HERNANDEZ

Week of: Mar. 18 – 22, 2024

<b>MONDAY</b> <i>March 18, 2024</i>	<b>TUESDAY</b> <i>March 19, 2024</i>	<b>WEDNESDAY</b> <i>March 20, 2024</i>	<b>THURSDAY</b> <i>March 21, 2024</i>	<b>FRIDAY</b> <i>March 22, 2024</i>
<p><b>STANDARDS:</b> 6.DPS.D.1,2,3</p> <p><b>CHAPTER 8: STATISTICAL MEASURES</b></p> <p><b>LESSON 8.3: Measures of Center</b></p> <p><b>OBJECTIVES:</b>            *Explain how the median and mode summarize a data set with a single number.            *Find the median and mode of a data set.            *Explain how changes to a data set affect the measures of center.            *Use a measure of center to answer a statistical question.</p> <p><b>BELLRINGER:</b>            Review and Refresh            Page 430, No.1</p> <p><b>ACTIVITY:</b>            &gt;Finding the median and mode.            &gt;Finding the mode.</p> <p><b>EXERCISE/ASSIGNMENT:</b>            Page 430, Nos. 13 – 18</p>	<p><b>STANDARDS:</b> 6.DPS.D.1,2,3</p> <p><b>CHAPTER 8: STATISTICAL MEASURES</b></p> <p><b>LESSON 8.3: Measures of Center</b></p> <p><b>OBJECTIVES:</b>            *Explain how the median and mode summarize a data set with a single number.            *Find the median and mode of a data set.            *Explain how changes to a data set affect the measures of center.            *Use a measure of center to answer a statistical question.</p> <p><b>BELLRINGER:</b>            You Be The Teacher            Page 430, No.19</p> <p><b>ACTIVITY:</b>            &gt;Finding the median and mode.            &gt;Removing an outlier.            &gt;Modeling real life.</p> <p><b>EXERCISE/ASSIGNMENT:</b>            Page 431, Nos.20,21,26-29,30</p>	<p><b>STANDARDS:</b> 6.DPS.D.1,2,3</p> <p><b>CHAPTER 8: STATISTICAL MEASURES</b></p> <p><b>LESSONS 8.1 – 8.3: Mid – Chapter QUIZ</b></p> <p><b>OBJECTIVES:</b>            *Apply the concepts and skills acquired in lessons 8.1 – 8.3.</p> <p><b>BELLRINGER:</b>            Find the mean, median and mode:            9, 12, 11, 11, 10, 7, 4, 8</p> <p><b>ACTIVITY:</b>            QUIZ            8.1 Introduction to Statistics            8.2 Mean            8.3 Measures of Center</p>	<p><b>STANDARDS:</b> 6.DPS.D.1,2,3</p> <p><b>CHAPTER 8: STATISTICAL MEASURES</b></p> <p><b>LESSON 8.4: Measures of Variation</b></p> <p><b>OBJECTIVES:</b>            *Explain how the range and interquartile range describe the variability of a data set with a single number.            *Find the range and interquartile range of a data set.            *Use the interquartile range to identify outliers.</p> <p><b>BELLRINGER:</b>            Review and Refresh            Page 437, No.3</p> <p><b>ACTIVITY:</b>            &gt;Exploration: Grouping Data            &gt;Finding the range.            &gt;Finding the interquartile range.</p> <p><b>EXERCISE/ASSIGNMENT:</b>            Page 437, Nos. 14-19, 21, 22</p>	<p><b>STANDARDS:</b> 6.DPS.D.1,2,3</p> <p><b>CHAPTER 8: STATISTICAL MEASURES</b></p> <p><b>LESSON 8.4: Measures of Variation</b></p> <p><b>OBJECTIVES:</b>            *Explain how the range and interquartile range describe the variability of a data set with a single number.            *Find the range and interquartile range of a data set.            *Use the interquartile range to identify outliers.</p> <p><b>BELLRINGER:</b>            You Be The Teacher            Page 437, No.20</p> <p><b>ACTIVITY:</b>            &gt;Finding the range.            &gt;Finding the interquartile range.            &gt;Modeling real life.</p> <p><b>EXERCISE/ASSIGNMENT:</b>            Page 437, Nos.23-26,27            Puzzle Time</p>

REMARKS:



# Edmore Public School

706 Main St, Edmore, ND 58330

## WEEKLY LESSON PLAN in MATH 7

3<sup>rd</sup> Period: 10:30 - 11:22

TEACHER: MARICAR HERNANDEZ

Week of: Mar. 18 – 22, 2024

<b>MONDAY</b> <i>March 18, 2024</i>	<b>TUESDAY</b> <i>March 19, 2024</i>	<b>WEDNESDAY</b> <i>March 20, 2024</i>	<b>THURSDAY</b> <i>March 21, 2024</i>	<b>FRIDAY</b> <i>March 22, 2024</i>
<p><b>STANDARDS:</b> 7.GM.AV.1-2, 7.GM.GF.1-2</p> <p><b>CHAPTER 7: GEOMETRIC SHAPES AND ANGLES</b></p> <p><b>LESSON:</b> Chapter Test</p> <p><b>OBJECTIVES:</b> *Apply the concepts and skills acquired in Chapter 7 lessons.</p> <p><b>BELLRINGER:</b> Summarize the formulas used in this Chapter's lessons.</p> <p><b>ACTIVITY:</b> ASSESSMENT 7.1 Circles and Circumference 7.2 Areas of Circles 7.3 Perimeters and Areas of Composite Figures 7.4 Finding Unknown Angle Measures</p>	<p><b>STANDARDS:</b> 7.GM.AV.2-3</p> <p><b>CHAPTER 8: SURFACE AREA AND VOLUME</b></p> <p><b>LESSON 8.1: Surface Areas of Prisms</b></p> <p><b>OBJECTIVES:</b> *Use a formula to find the surface area of a prism. *Find the lateral surface area of a prism.</p> <p><b>BELLRINGER:</b> Review and Refresh Page 413, Nos. 1 – 3</p> <p><b>ACTIVITY:</b> &gt;Exploration 1: Writing a formula for surface area. &gt;Finding the surface area of a rectangular prism.</p> <p><b>EXERCISE/ASSIGNMENT:</b> Page 413, Nos. 8,9,10,13</p>	<p><b>STANDARDS:</b> 7.GM.AV.2-3</p> <p><b>CHAPTER 8: SURFACE AREA AND VOLUME</b></p> <p><b>LESSON 8.1: Surface Areas of Prisms</b></p> <p><b>OBJECTIVES:</b> *Use a formula to find the surface area of a prism. *Find the lateral surface area of a prism.</p> <p><b>BELLRINGER:</b> You Be The Teacher Page 414, No. 15</p> <p><b>ACTIVITY:</b> &gt;Exploration 2: Surface areas of prisms. &gt;Finding the surface area of a prism. &gt;Modeling real life.</p> <p><b>EXERCISE/ASSIGNMENT:</b> Page 413, Nos.7,11,12,14,16 Puzzle Time</p>	<p><b>STANDARDS:</b> 7.GM.AV.2-3\</p> <p><b>CHAPTER 8: SURFACE AREA AND VOLUME</b></p> <p><b>LESSON 8.2: Surface Areas of Cylinder</b></p> <p><b>OBJECTIVES:</b> *Use a formula to find the surface area of a cylinder. *Find the lateral surface area of a cylinder.</p> <p><b>BELLRINGER:</b> Review and Refresh Page 419, No.1</p> <p><b>ACTIVITY:</b> &gt;Exploration 1: Finding the surface area of a cylinder. &gt;Finding the lateral surface area of a cylinder. &gt;Modeling real life.</p> <p><b>EXERCISE/ASSIGNMENT:</b> Page 419, Nos. 6-11,12-14,16</p>	<p><b>STANDARDS:</b> 7.GM.AV.2-3</p> <p><b>CHAPTER 8: SURFACE AREA AND VOLUME</b></p> <p><b>LESSON 8.3: Surface Areas of Pyramids</b></p> <p><b>OBJECTIVES:</b> *Use a net to find the surface area of a regular pyramid. *Find the lateral surface area of a regular pyramid.</p> <p><b>BELLRINGER:</b> You Be The Teacher Page 420, No.15</p> <p><b>ACTIVITY:</b> &gt;Finding the surface area of a square pyramid. &gt;Modeling real life.</p> <p><b>EXERCISE/ASSIGNMENT:</b> Page 425, Nos. 8,9,12,16,15</p>

**REMARKS:** Monday's activity is carried over from last week because the students presented their research on Thursday.



# Edmore Public School

706 Main St, Edmore, ND 58330

## WEEKLY LESSON PLAN in GEOMETRY

4<sup>th</sup> Period: 11:25 - 12:17

TEACHER: MARICAR HERNANDEZ

Week of: Mar. 18 – 22, 2024

<b>MONDAY</b> <i>March 18, 2024</i>	<b>TUESDAY</b> <i>March 19, 2024</i>	<b>WEDNESDAY</b> <i>March 20, 2024</i>	<b>THURSDAY</b> <i>March 21, 2024</i>	<b>FRIDAY</b> <i>March 22, 2024</i>
<p>STANDARDS: 9-10.GM.18,19,20,21</p> <p>CHAPTER 9: RIGHT TRIANGLES AND TRIGONOMETRY</p> <p>LESSONS: Chapter Test</p> <p><b>OBJECTIVE:</b> *Apply the concepts and skills acquired in chapter 9 lessons.</p> <p><b>BELLRINGER:</b> When do we use the Trigonometric Ratios Soh-Cah-Toa? When do we use the inverse of the trigonometric ratios?</p> <p><b>ACTIVITY:</b> ASSESSMENT 9.1 The Pythagorean Theorem 9.2 Special Right Triangles 9.3 Similar Right Triangles 9.4 The Tangent Ratio 9.5 The Sine and Cosine Ratios 9.6 Solving Right Triangles 9.7 Law of Sines and Cosines</p>	<p>STANDARDS: 9-10.GM.22 – 26</p> <p>CHAPTER 10: CIRCLES</p> <p>LESSON 10.1: Lines and Segments That Intersect Circles</p> <p><b>OBJECTIVES:</b> *Identify special segments and lines that intersect circles. *Draw and identify common tangents. *Use properties of tangents to solve problems.</p> <p><b>BELLRINGER:</b> Define: circle, radius, chord, diameter, secant, tangent</p> <p><b>ACTIVITY:</b> &gt;Identifying special segments and lines. &gt;Drawing and identifying common tangents. &gt;Verifying a tangent to a circle. &gt;Finding the radius of a circle. &gt;Using properties of tangents.</p> <p><b>EXERCISE/ASSIGNMENT:</b> Page 516, Nos. 1-6, 12,13,15,16,23</p>	<p>STANDARDS: 9-10.GM.18,19,20,21</p> <p>CHAPTER 10: CIRCLES</p> <p>LESSON 10.2: Finding Arc Measures</p> <p><b>OBJECTIVES:</b> *Find arc measures. *Identify congruent arcs. *Prove that all circles are similar.</p> <p><b>BELLRINGER:</b> Error Analysis Page 516, No.19</p> <p><b>ACTIVITY:</b> &gt;Finding measures of arcs. &gt;Using the arc addition postulate. &gt;Finding measures of arcs. &gt;Identifying congruent arcs.</p> <p><b>EXERCISE/ASSIGNMENT:</b> Page 524, Nos. 1,3,5,7-10,11,12,13,15,16</p>	<p>STANDARDS: 9-10.GM.18,19,20,21</p> <p>CHAPTER 10: CIRCLES</p> <p>LESSON 10.3: Using Chords</p> <p><b>OBJECTIVES:</b> *Use chords of circles to find arc measures. *Use chord of circles to find lengths. *Describe the relationship between a diameter and a chord perpendicular to a diameter. *Find the center of a circle given three points on the circle.</p> <p><b>BELLRINGER:</b> Error Analysis Page 525, No.19</p> <p><b>ACTIVITY:</b> &gt;Using congruent chord chords to find an arc measure. &gt;Using a diameter. &gt;Using perpendicular bisectors. &gt;Using congruent chords to find a circle's radius.</p> <p><b>EXERCISE/ASSIGNMENT:</b> Page 531, Nos. 1,3,5,7,9,13,14</p>	<p>STANDARDS: 9-10.GM.18,19,20,21</p> <p>CHAPTER 10: CIRCLES</p> <p>LESSON 10.4: Inscribed Angles and Polygons</p> <p><b>OBJECTIVES:</b> *Find measures of inscribed angles and intercepted arcs. *Find angle measures of inscribed polygons. *Construct a square inscribed in a circle.</p> <p><b>BELLRINGER:</b> Error analysis Page 531, No.15</p> <p><b>ACTIVITY:</b> &gt;Using inscribed angles. &gt;Finding the measure of an intercepted arc. &gt;Finding the measure of an angle. &gt;Using inscribed polygons. &gt;Using a circumscribed circle.</p> <p><b>EXERCISE/ASSIGNMENT:</b> Page 538, Nos. 1-8, 9,11,15</p>

**REMARKS:** Monday's activity is carried over from last week because the students presented their research on Thursday.



# Edmore Public School

706 Main St, Edmore, ND 58330

## WEEKLY LESSON PLAN in ALGEBRA 1

5<sup>th</sup> Period: 12:42 – 1:34

TEACHER: MARICAR HERNANDEZ

Week of: Mar. 18 – 22, 2024

MONDAY <i>March 18, 2024</i>	TUESDAY <i>March 19, 2024</i>	WEDNESDAY <i>March 20, 2024</i>	THURSDAY <i>March 21, 2024</i>	FRIDAY <i>March 22, 2024</i>
<p><b>STANDARDS:</b> 9-10.AR.10, 9-10.AR.F.3-12</p> <p><b>CHAPTER 8: GRAPHING QUADRATIC FUNCTIONS</b></p> <p><b>LESSON 8.4: Graphing</b> <math>f(x) = a(x - h)^2 + k</math></p> <p><b>OBJECTIVES:</b> *Identify even and odd functions. Graph quadratic functions of the form <math>f(x) = a(x - h)^2 + k</math>. *Compare the graph of <math>(fx) = a(x - h)^2</math> to the graph of the parent quadratic function. *Compare the graph of <math>(fx) = a(x - h)^2 + k</math> to the graph of the parent quadratic function.</p> <p><b>BELLRINGER:</b> Find the coordinate of the vertex. <math>y = x^2 + 2</math></p> <p><b>ACTIVITY:</b> &gt;Exploration &gt;Identifying even and odd functions. &gt;Graphing <math>y = a(x - h)^2</math></p> <p><b>EXERCISE/ASSIGNMENT:</b> Page 450, Nos.1-4,9-12,13-14,17,19</p>	<p><b>STANDARDS:</b> 9-10.AR.10, 9-10.AR.F.3-12</p> <p><b>CHAPTER 8: GRAPHING QUADRATIC FUNCTIONS</b></p> <p><b>LESSON 8.4: Graphing</b> <math>f(x) = a(x - h)^2 + k</math></p> <p><b>OBJECTIVES:</b> *Identify even and odd functions. Graph quadratic functions of the form <math>f(x) = a(x - h)^2 + k</math>. *Compare the graph of <math>(fx) = a(x - h)^2</math> to the graph of the parent quadratic function. *Compare the graph of <math>(fx) = a(x - h)^2 + k</math> to the graph of the parent quadratic function.</p> <p><b>BELLRINGER:</b> Error Analysis Page 450, Nos. 33 and 34</p> <p><b>ACTIVITY:</b> &gt;Graphing <math>y = a(x - h)^2 + k</math> &gt;Modeling real life.</p> <p><b>EXERCISE/ASSIGNMENT:</b> Page 450, Nos.23-24,29,31,35-38,41, 51,53</p>	<p><b>STANDARDS:</b> 9-10.AR.10, 9-10.AR.F.3-12</p> <p><b>CHAPTER 8: GRAPHING QUADRATIC FUNCTIONS</b></p> <p><b>LESSON 8.5: Using Intercept Form</b></p> <p><b>OBJECTIVES:</b> *Graph quadratic functions of the form <math>f(x)=a(x-p)(x-q)</math>. *Find zeros of functions using intercept form. *Use characteristics to graph and write quadratic functions and cubic functions.</p> <p><b>BELLRINGER:</b> Factor the expression: <math>2a^2 - 9a - 5</math></p> <p><b>ACTIVITY:</b> &gt;Graphing <math>f(x)=a(x-p)(x-q)</math>. &gt;Graphing a quadratic function. &gt;Finding zeros of a function. &gt;Graphing a quadratic function using zeros</p> <p><b>EXERCISE/ASSIGNMENT:</b> Page 459, Nos. 1,2,5,8,11,15,19,21, 23,24</p>	<p><b>STANDARDS:</b> 9-10.AR.10, 9-10.AR.F.3-12</p> <p><b>CHAPTER 8: GRAPHING QUADRATIC FUNCTIONS</b></p> <p><b>LESSON 8.5: Using Intercept Form</b></p> <p><b>OBJECTIVES:</b> *Graph quadratic functions of the form <math>f(x)=a(x-p)(x-q)</math>. *Find zeros of functions using intercept form. *Use characteristics to graph and write quadratic functions and cubic functions.</p> <p><b>BELLRINGER:</b> Error Analysis Page 459, Nos. 29 and 30</p> <p><b>ACTIVITY:</b> &gt;Writing quadratic functions. &gt;Graphing a cubic function using zeros. &gt;Writing a cubic function.</p> <p><b>EXERCISE/ASSIGNMENT:</b> Page 460, Nos. 31-34,37,41,44,53,75</p>	<p><b>STANDARDS:</b> 9-10.AR.10, 9-10.AR.F.3-12</p> <p><b>CHAPTER 8: GRAPHING QUADRATIC FUNCTIONS</b></p> <p><b>LESSON 8.6: Comparing Linear, Exponential, and Quadratic Functions</b></p> <p><b>OBJECTIVES:</b> *Determine whether data can be represented by a linear, exponential, or quadratic function. *Write functions to model data.</p> <p><b>BELLRINGER:</b> Identifying linear or nonlinear function given table of values.</p> <p><b>ACTIVITY:</b> &gt;Using graphs to identify functions. &gt;Using differences or ratios to identify functions. &gt;Writing a function to model data.</p> <p><b>EXERCISE/ASSIGNMENT:</b> Page 469, Nos. 1-14, 15,17,19</p>

REMARKS:



# Edmore Public School

706 Main St, Edmore, ND 58330

## WEEKLY LESSON PLAN in MATH 8

6<sup>th</sup> Period: 1:37 – 2:29

TEACHER: MARICAR HERNANDEZ

Week of: Mar. 18 – 22, 2024

MONDAY <i>March 18, 2024</i>	TUESDAY <i>March 19, 2024</i>	WEDNESDAY <i>March 20, 2024</i>	THURSDAY <i>March 21, 2024</i>	FRIDAY <i>March 22, 2024</i>
<p><b>STANDARDS:</b> 8.GM.GF.4</p> <p><b>CHAPTER 8: ANGLES AND TRIANGLES</b></p> <p><b>LESSONS 8.1 – 8.2: Mid – Chapter QUIZ</b></p> <p><b>OBJECTIVES:</b> *Apply the concepts and skills acquired in lessons 8.1 – 8.2.</p> <p><b>BELLRINGER:</b> You Be The Teacher Page 116, No. 19</p> <p><b>ACTIVITY:</b> QUIZ 8.1 Parallel Lines and Transversal 8.2 Angles and Triangles</p>	<p><b>STANDARDS:</b> 8.GM.GF.4</p> <p><b>CHAPTER 8: ANGLES AND TRIANGLES</b></p> <p><b>LESSONS 8.3: Angles of Polygons</b></p> <p><b>OBJECTIVES:</b> *Explain how to find the sum of the interior angle measures of a polygon. *Use an equation to find an interior angle measure of a polygon. *Find the interior angle measures of a regular polygon.</p> <p><b>BELLRINGER:</b> Describe the interior angle measure of a polygon.</p> <p><b>ACTIVITY:</b> &gt;Exploration &gt;Finding the sum of interior angle measures. &gt;Finding an interior angle measure of a polygon.</p> <p><b>EXERCISE/ASSIGNMENT:</b> Page 121, Nos. 10-12,14-16</p>	<p><b>STANDARDS:</b> 8.GM.GF.4</p> <p><b>CHAPTER 8: ANGLES AND TRIANGLES</b></p> <p><b>LESSONS 8.3: Angles of Polygons</b></p> <p><b>OBJECTIVES:</b> *Explain how to find the sum of the interior angle measures of a polygon. *Use an equation to find an interior angle measure of a polygon. *Find the interior angle measures of a regular polygon.</p> <p><b>BELLRINGER:</b> You be a Teacher Page 122, No.20</p> <p><b>ACTIVITY:</b> &gt;Finding the sum of interior angle measures. &gt;Finding an interior angle measure of a polygon. &gt;Modeling real life</p> <p><b>EXERCISE/ASSIGNMENT:</b> Page 122, Nos.17-19, 23,24 Puzzle Time</p>	<p><b>STANDARDS:</b> 8.GM.GF.4</p> <p><b>CHAPTER 8: ANGLES AND TRIANGLES</b></p> <p><b>LESSONS 8.4: Using Similar Triangle</b></p> <p><b>OBJECTIVES:</b> *Use angle measures to determine whether triangles are similar. *Use similar triangles to solve real-life problems.</p> <p><b>BELLRINGER:</b> Define: indirect measurement</p> <p><b>ACTIVITY:</b> &gt;Exploration 2 &gt;Identifying similar triangles.</p> <p><b>EXERCISE/ASSIGNMENT:</b> Page 127, Nos. 9-13</p>	<p><b>STANDARDS:</b> 8.GM.GF.4</p> <p><b>CHAPTER 8: ANGLES AND TRIANGLES</b></p> <p><b>LESSONS 8.4: Using Similar Triangle</b></p> <p><b>OBJECTIVES:</b> *Use angle measures to determine whether triangles are similar. *Use similar triangles to solve real-life problems.</p> <p><b>BELLRINGER:</b> Review and Refresh Page 127, Nos 1 – 2</p> <p><b>ACTIVITY:</b> &gt;Identifying similar triangles. &gt;Modeling real life.</p> <p><b>EXERCISE/ASSIGNMENT:</b> Page 128, Nos.18-20 Puzzle Time</p>

**REMARKS:** Monday's activity is carried over from last week because we had joy break on Thursday.