

LESSON PLANS		WEEK OF: March 25, 2019			
Period	Third	Fifth	Sixth	Fourth	
Subject	Algebra I	Geometry	Advanced Math	Algebra II	
Grade(s)	9th	10-12	12	11th - 12th	
NE SS#	MA 12.4.4				
Monday	Objective	Lesson 8-6 Square Roots and Cube Roots	Lesson 8-9 The Area of a Circle	Lesson 8-1 Arithmetic Sequences	Review of Lessons 4 through 6
	Activity	-Simplify square roots -Evaluate cube roots	-Calculate lengths and measures of arcs, circumference and area of a circle from the measure of relevant lengths and angles -Apply the formula for area of a circle to real situations	-Find Terms of sequences given explicit or recursive formulas -Determine if sequence is arithmetic -Use arithmetic sequences in real situations	-Review of lessons 4-6
	Assign	p. 494-496 (2-30)	p. 503-505 (2-20)	p. 506-508 (2-26)	Worksheets 4-6
NE SS#	MA12.4.1, MA12.4.2				
Tuesday	Objective	Review of Lessons 4 through 6	Chapter 8 Review	Lesson 8-2 Geometric and Other Sequences	Chapter 8 Quiz Sections 4-6
	Activity	-Review of Concepts in Lessons 4 through 6	-Review of chapter concepts	-Find terms of sequences given explicit or recursive formulas -Find explicit or recursive formulas for the nth term of a geometric sequence -Determine whether a sequence is geometric	
	Assign	Worksheets 4-6	Review Worksheets	p. 513-514 (2-20)	Quiz(sec. 4-6)
NE SS#					
Wednesday	Objective	Chapter 8 Quiz (sec. 4-6)	Chapter 8 Test	Lesson 8-3 End Behavior of Sequences	Lesson 8-7 Powers and Roots of Negative Numbers
	Activity			-Determine the end behavior of certain sequences -Graph and interpret graphs of sequences	-Evaluate radicals -Rewrite or simplify expressions with radicals -Apply properties of radicals and nth roots
	Assign	Quiz(sec. 4-6)	Test	p. 520-521 (2-22)	p. 559-561 (2-28)
NE SS#					
Thursday	Objective	Lesson 8-7 Multiplying and Dividing Square Roots	Lesson 9-1 Points, Lines, and Planes in Space	Review of Lessons 1 through 3	Lesson 8-8 Solving Equations with Radicals
	Activity	-Simplify Square roots	-Draw Common 3-dimensional Shapes - Make conclusions based on the Point-Line-Plane Postulate	-Review concepts of lessons 1 through 3	-Solve equations with radicals -solve real-world problems that can be modeled by equations with radicals
	Assign	p. 502-504 (2-34)	p. 522-524 (2-26)	Worksheets 1-3	p. 565-567 (2-26)
NE SS#					
Friday	Objective	Lesson 8-8 Distance on a Plane	Lesson 9-2 Prisms and Cylinders	Chapter 8 Quiz Sections 1-3	Review of Lesson 7,8
	Activity	-Represent squares, cubes, square roots and cube roots geometrically -Calculate distances on the x-y coordinate plane	-Draw Common 3-dimensional Shapes -Calculate Surface Area and lengths in Prisms, Cylinders, Pyramids, and Cones - Identify part of common 3-dimensional figures		-Review of concepts in Lessons 7 and 8
	Assign	p. 508-510 (2-26)	p. 529-531 (2-24)	Quiz(sec. 1-3)	Worksheet 7,8