Mrs. Logan 7th Grade Math
Week 25: February 19-23

Module 4: Geometry
Topic C: Circumference and Area of Circles
Topic D: Area and Surface Area

	Monday February 19th	Tuesday February 20th	Wednesday February 21st	Thursday February 22nd	Friday February 23rd
Lesson	Lesson 12: Exploring the Area and Circumference of a Circle	Lesson 13: Finding Areas of Circular Regions	Lesson 14: Composite Figures with Circular Regions	Module 4 Topic C Quiz	Lesson 16: Solving Area Problems by Composition and Decomposition
Pages	197-213	215-237	239-269	139-269	279-304
We will…	explore the relationship between circumference and area of a circle and learn to express the exact measures.	learn how to more efficiently find the areas of circles and the areas of parts of circular regions.	learn why decomposing a composite figure is helpful when you are asked to find its area and perimeter.	calculate the area and circumference of circular figures.	learn when and how we can use composition to find the area of figures.
Bell Ringer	Constant of Proportionality	Relating Rectangles to Circles	Decomposing Figures	Quiz Prep	Area of Rectangles Sprint
Exit Ticket	Corresponding Parts of Circle & Rectangle	Area of a Semicircle	Composite Figure Area	Quiz Feedback	Using Decomposition
I will...	understand the relationship between the area and circumference of a circle.	apply strategies of area of a circle to find the area of semi and quarter circles.	identify why a composite figure is different than other figures I have found the perimeter and area of.	use the formulas for the area and circumference of a circle to solve real world problems.	use decomposition to find the area of a figure.
Reminders			Study Guide sent home today.	M4TC Quiz	Sprint for a grade
State Standards	7.G.A.2Draw (freehand, with ruler and protractor, or with technology) geometric shapes with given conditions.				
	7.G.B.4Know the formulas for the area and circumference of a circle and solve problems; give an informal derivation of the relationship between the circumference and area of a circle.				
	7.G.B.6Solve real-world and mathematical problems involving area, volume and surface area of two- and three-dimensional objects composed of triangles, quadrilaterals, polygons, cubes, and right prisms.				