

Teacher: Poole	Topic: Geometry/Data	Date: FEBRUARY 1ST
Unit: Geometry		Grade/Subject: 6th - 8th
Standard/Element: MGSE6.G.1, MGSE7.G.5, MGSE8.G.9 – Students will be able to solve problems involving geometric figures Standards Review 6 th – How do you solve inequality equations? How do you graph an inequality using a number line? 6 th and 7 th – How do you find the mean, mode, median, and range? 7 th and 8 th – How do you solve equations with variables on both sides? How do you find the volume and area of geometric figures?		EQ: How do you find the area and volume of geometric figures? (6 th and 7 th) How do you find the volume of a sphere, cone and cylinder (8 th) How do you solve problems involving algebra concepts? (6 th – 8 th)
STUDENTS WILL COMPLETE UNIT TEST		
6TH GRADE – AREA OF RECTANGULAR PRISMS, SQUARES AND VOLUME		
7TH – ANGLES AND CIRCLES		
8TH - FUNCTIONS		

Teacher: Poole	Topic: Rational Numbers	Date: FEBRUARY 2 ND – 10 TH
Unit: MGSE6.NS.1, MGSE7.NS.1, MGSE8.NS.1 – Numbers and Operations	Grade/Subject: 6 th – 8 th	
Standard/Element: Students will be able to understand how to solve problems involving Rational Number? Standard/Element: MCC6.NS.1, MCC7.NS.1, MCC8.NS.1 – Students will be able to solve problems involving rational numbers. DOK QUESTIONS: 6 th – How do you solve inequality equations? How do you graph an inequality using a number line? 6 th and 7 th 8 th – How do you solve equations with variables on both sides? How do you find and graph the slope and y-intercept using $y=mx + b$? How do you calculate the slope using the slope formula?	EQ: How do you solve problems involving Geometry concepts?	
Opening		
Launch/Anchor Concepts: Students will complete a mixed review on the Numbers and Algebra Standards. The problems will consist of equations, order of operations, and fractions. The assignments will be on the Smart Board and students will have at least 10 minutes to complete. This will be a 40% grade.		
Warm Up (FEBRUARY 2 ND – 10 TH) – Students will review test taking strategies and complete multiple choice questions on the Smart Board 6 th and 7 th – Vocabulary – volume, area, and perimeter 8 th – Vocabulary – slope, slope formula, y-intercept, positive slope, negative slope, undefined, zero slope, standard form, y-intercept form		
Work Period		
Students will complete warm up assignment each day (10 problems on Smart Board – Review of previous standards) Students will take notes and complete practice problems from Power Point or Smart Board Activity: 6 th and 7 th – Finding the Area and Perimeter of a figure. Monday – Students will complete equations review Tuesday – Students will discuss vocabulary and concepts for new Unit on Data.		

Scholastic Math Magazine- Students will complete word problems on averages. 6th and 7th – Finding Averages (February 7th) 8th – Students will take notes and complete practice problems from Smart Board: Students will learn how to find the slope and y-intercept in a given equation. February 8th – 9th - (6th and 7th) – Students will complete Math Puzzles on mean, mode, median, and range and complete Smart Board Activities February 10th – Students will use Chrome Books and complete Math Checkpoints on Mean, Mode, Median, and Range 8th – Students will complete assessments on slope formula
Closing:
Ticket out the door – Vocabulary Check
Data Discussion/Assessment:
Informal: vocabulary review Formative: Warm Up assignments and handouts Summative: Unit test and constructive responsive (writing)
Differentiation:
Students will have individualized instruction based on Study Island Assessments, while other students work on differentiated instruction with teacher.

Teacher: Poole	Topic: Geometry	Date: February 13 th – 17 th
Unit:		Grade/Subject: 6 th – 8 th
Standard/Element: MGSE6.NS.1 and MGSE7.NS.1: Students will be able to solve problems involving equations with variables on both sides (7 th and 8 th) Students will be able to solve problems involving surface area (6 th and 7 th) Students will be able to solve problems involving Order of Operations 6 th - 8 th Students will be able to solve problems involving area and volume? Students will be able to solve problems involving functions and slope (8 th)	EQ: How do you solve problems Geometry Concepts?	
Opening		
Launch/Anchor Concepts: Each day students will complete warm up assignments that consists of 10 review problems from previous standards. Students will have at least 7 minutes to complete and then complete problems at the Smart Board on a volunteer basis.		
Work Period		
Students will take notes and review vocabulary on the current unit each day. Practice problems will be given throughout the Smart board activities or power point. Teacher will call students to the desk and walk around the room to check for student understanding. Students will complete either workbook, textbook, puzzles, or handouts pertaining to concepts and review answers with teacher prior to the end of class. Students who do not understand information will also work problems with teacher at the Smart Board.		
6 th grade – Complete assignments on area, perimeter, and volume		
7 th grade – Complete assignments on angle measurements, area, and volume		
8 th grade – Complete assignments on Volume, Functions, and Slope		
Students will also go to the computer lab and complete Study Island Program assessments at least two days a week pertaining to the Geometry Standard.		
Closing		
Ticket out the Door – Vocabulary and assignment check		

Unit: Numbers and Operations	Grade/Subject: 6th – 8th
Standard/Element: MGSE6.NS.1, MGSE7.NS.1, MGSE8.G.1	EQ: How do you solve problems involving Geometry concepts?
Opening	
Launch/Anchor Concepts: Review Integers and Equations (6th – 8th)	
Work Period	
During this week, students will complete constructed response questions and work on test taking strategies to prepare for the Georgia Milestones Test. All classes will complete Checkpoints using https://studyisland.com software	
Closing:	
Describe how you will facilitate the closing. Ticket out the Door – Vocabulary Review – students will be able to define and give an example of each vocabulary word discussed in class daily	
Data Discussion/Assessment:	
Formative: Computer Assessments Summative: Unit Test (Geometry – January 31st) Data Discussion: Teachers will discuss results of Unit Test for remediation	
Differentiation:	
Teacher will work with students in small groups to work on Integers and Equations based on Study Island computer assessments	