| Teacher: Poole | Topic: Geometry/Data | Date: April 10th-April 17th |
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| Unit: Geometry | | Grade/Subject: 6th - 8th |
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| **Standard/Element: MGSE6.G.1, MGSE7.G.5, MGSE8.G.9, MGSE8.NS.1, MGSE7.NS.1, and MGSE6.NS.1** <br> **– Students will be able to solve problems involving geometric figures, algebra concepts and numbers and operations.** <br><br> **Standards Review** <br> **6TH- 8TH – How do you solve problems involving rational numbers?** <br><br> **6th – How do you solve inequality equations?** <br> **How do you graph an inequality using a number line?** <br> **6th and 7th – How do you find the mean, mode, median, and range?** <br> **7th and 8th – How do you solve equations with variables on both sides?** <br><br> **How do you find the volume and area of geometric figures?** | | **EQ:** <br> **How do you find the area and volume of geometric figures? (6th and 7th)** <br><br> **How do you find the volume of a sphere, cone and cylinder (8th)** <br><br> **How do you solve problems involving algebra concepts? (6th – 8th)** |
| | STUDENTS WILL COMPLETE GA MILESTONES PRACTICE ASSIGNMENTS | |
| | **Each class will report to the computer lab to complete Study Island Computer assessments pertaining to the GA Milestones test. This grades will be calculated as formative assessments.** | |
| | **April 10th – Numbers and Operations Practice** | |
| | **April 11th and April 12th – Algebra Standards Practice** | |
| | **April 13th – April 14th – Geometry Standards Practice** <br> **April 14th (SUB) – Equation review practice – assignment will be graded (60%)** <br> **April 15th – Data/Probability Standards Practice** | |

| Teacher: Poole | Topic: Rational Numbers | Date: April 16th – April 21st |
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| Unit: MGSE6.NS.1, MGSE7.NS.1, MGSE8.NS.1 – Numbers and Operations | Grade/Subject: 6th – 8th |
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| **Standard/Element: Students will be able to understand how to solve problems involving Rational Number?** <br> **Standard/Element: MCC6.NS.1, MCC7.NS.1, MCC8.NS.1** <br> **– Students will be able to solve problems involving rational numbers.** <br> **DOK QUESTIONS:** <br> **6th – How do you solve inequality equations?** <br> **How do you graph an inequality using a number line?** <br> **6th and 7th** <br> **8th – How do you solve equations with variables on both sides?** <br> **How do you find and graph the slope and y-intercept using y=mx + b?** <br> **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.** <br><br> **Warm Up Students will review test taking strategies and complete multiple choice questions on the Smart Board (6th and 7th)** <br> **6th and 7th – Vocabulary – volume, area, and perimeter** <br> **8th – Vocabulary – slope, slope formula, y-intercept, positive slope, negative slope, undefined, zero slope, standard form, y-intercept form** | |

| Work Period |
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**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:**
**6th and 7th – 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: |
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**Ticket out the door – Vocabulary Check**

| Data Discussion/Assessment: |
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**Informal: vocabulary review   Formative:  Warm Up assignments and handouts**
 **Summative:**  Unit test and constructive responsive (writing)

| Differentiation: |
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**Students will have individualized instruction based on Study Island Assessments, while other students work on differentiated instruction with teacher.**


**Teacher: Poole**          **Topic:   Geometry**                    **Date: April 23rd – April 28th**

| Unit: | Grade/Subject:  6th – 8th |
|---|---|
| **Standard/Element: MGSE6.NS.1 and MGSE7.NS.1:** <br> **Students will be able to solve problems involving equations with variables on both sides (7th and 8th)** <br> **Students will be able to solve problems involving surface area (6th and 7th)** <br> **Students will be able to solve problems involving Order of Operations** <br> **6th - 8th** <br> **Students will be able to solve problems involving area and volume?** <br> **Students will be able to solve problems involving functions and slope (8th)** | **EQ:  How do you solve problems Geometry Concepts?** |

| Opening |
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**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 |
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**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.**

**6th grade – Complete assignments on area, perimeter, and volume**

**7th grade – Complete assignments on angle measurements, area, and volume**

**8th 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 |
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**Ticket out the Door – Vocabulary and assignment check**