

### *Mission*

Austin Road Middle School strives to develop a nurturing school community that encourages academic success for each scholar through a rigorous curriculum and extracurricular opportunities supported by dedicated teachers and staff.



### *Vision*

Austin Road Middle School will cultivate an environment for creativity, innovation and leadership where we exceed expectations every day.

## **AUSTIN ROAD MIDDLE SCHOOL**

### **6th Grade Math Course Syllabus 2018-2019**

**Mrs. Butler**

**Email: [Laquata.butler@henry.k12.ga.us](mailto:Laquata.butler@henry.k12.ga.us)**

### **Course Description**

Welcome to the 2018-2019 school year! Our 6<sup>th</sup> grade math curriculum aligns with the Georgia Standards of Excellence which focus on actively engaging scholars in the development of mathematical understanding by using manipulatives and a variety of representations, working independently and cooperatively to solve problems, estimating and computing efficiently, and conducting investigations and record findings. In our blended-learning mathematics classroom, scholars will use the Standards for Mathematical Practice to think critically in a mathematical way with an understanding that there are multiple ways to a solution. Scholars will strengthen their mathematical vocabulary and engage in dialog and writing that reflect the language of the standards.

### **GSE Mathematics Grade 6 Learning Progressions:**

#### **Quarter 1**

##### **Unit 1 The Number System (5 weeks)**

- Apply and extend previous understandings of multiplication and division to divide fractions by fractions.
- Compute fluently with multi-digit numbers and find common factors and multiples.

##### **Unit 2 Ratios and Proportional Relationships (4 weeks)**

- Understand ratio concepts and use ratio reasoning to solve problems.

#### **Quarter 2**

##### **Unit 3 Expressions (5 ½ weeks)**

- Apply and extend previous understandings of arithmetic to algebraic expressions.

##### **Unit 4 One Step Equations and Inequalities (3 ½ weeks)**

- Reason about and solve one-variable equations and inequalities.
- Represent and analyze quantitative relationships between dependent and independent variables.

#### **Quarter 3**

##### **Unit 5 Area and Volume (4 weeks)**

- Solve real-world and mathematical problems involving area, surface area, and volume.

##### **Unit 6 Statistics (5 weeks)**

- Develop understanding of statistical variability.
- Summarize and describe distributions.

#### **Quarter 4**

##### **Unit 7 Rational Explorations: Numbers and Their Opposites (5 weeks)**

- Apply and extend previous understandings of numbers to the system of rational numbers.

##### **Unit 8 All (4 weeks)**

- Review of standards.

Source <https://www.georgiastandards.org/Georgia-Standards/Documents/Grade-6-8-Mathematics-Standards.pdf>

### Suggested Materials

Composition notebook

4-Function basic  
calculator

Glue sticks

Plastic yellow folders  
with pockets and prongs

Pencils

### Grading Policy

A = 100 – 90

B = 89 – 80

C = 79 – 74

D = 73 – 70

F = 69 & below

### Category Weights

- **Practice Work: Max 25%**  
Labs/Practice 20%  
Notebook 5%
- **Assessment: Max 60%**  
Projects 15%  
Quizzes 15%  
CFA (Common Formative Assessments) 30%  
*\*Drop the lowest CFA grade for the school year.*
- **Final Exam: 15%**

Henry County Schools provides high school and middle school parents and scholars access to grades via Infinite Campus. Please contact the school counselors and/or secretary to obtain your password.

### Resources

Blended Learning (digital):

- Dreambox—play online math games and complete tasks to fill your individual learning gaps or accelerate into deeper content!
  - My login is \_\_\_\_\_
- Google Classroom—Check here for current tasks, assignments and projects!!
  - My class code is \_\_\_\_\_
- 6<sup>th</sup> Grade Digital Flexbook
  - <http://www.ck12.org/user%3Adg93yw5kys5gyw1lc0bozw5yes5rmtiuz2eudxm./book/Henry-County-Schools-GSE-Sixth-Grade-Mathematics-Flexbook/>

### Remind Messaging

Sign-up for Remind messaging on your cell phone or email to receive quick updates and messages regarding math class. This is a one-way service designed to communicate reminders from the teacher. Be sure to sign-up for the correct period!

1 <sup>st</sup> Period	Text the message @3hk8f6 to the number 81010.
2 <sup>nd</sup> period	Text the message @3cgkhh to the number 81010.
3 <sup>rd</sup> period	Text the message @aege2e2 to the number 81010.
4 <sup>th</sup> period	Text the message @6bchgk to the number 81010.

### Absent Work

It is the scholar's responsibility to obtain assignments when absent. Visit the While-You-Were-Out folder to sign for any missed assignments. Talk with a study buddy to copy notes. Check Google classroom daily for updates and assignments. Be proactive in completing all assignments and consult the teacher when needed.

### Tutoring Availability:

Math tutoring is available to scholars on Tuesday mornings 8:00-8:30 in room 814.

### Signatures

Scholar \_\_\_\_\_

Parent \_\_\_\_\_