



6TH GRADE MATH SYLLABUS

Discovery Middle School
1304 Hughes Road
Madison, AL 35758

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Phone: 256-837-3735
Khanacademy.org Code: FTNS3WWT
Google Classroom:
<https://classroom.gogle.com>
6B Code: w4tz7l
6C Code: sio4i46
6D Code: lj6cmva
6E Code: s6mieu

Course Description: Math 6 is based on the Alabama College and Career Ready Standards for 6th grade. Content standards are organized into five domains: Ratios and Proportional Relationships, The Number System, Expressions and Equations, Geometry, and Statistics and Probability. Students gain a deeper understanding of math concepts by narrowing their focus to fewer topics. Teachers will provide a balanced instructional approach. Students who successfully complete this course will be ready for Math 7.

Course Objectives: To successfully master the skills outlined in the Alabama 6th Grade Math Course of Study. Students successfully completing this course will be prepared for Math 7.

**Classroom
Expectations:**

Classroom Rules and Procedures:

Rules:

1. Enter with a growth mindset for learning.
2. Be in your seat when the tardy bell rings.
3. Bring any and all texts, homework, and working materials with you.
4. Treat others as you want to be treated.
5. Food and drinks are not allowed in classrooms. (Water in a closed container is permitted.)
6. Behave in a manner conducive to learning for all.
7. Show respect for yourself and others at all times.
8. Follow all rules listed in the Madison City Schools Code of Conduct and the DMS Student Handbook.

Possible Consequences:

1. Conference with the student
2. Parent contact
3. Detention (for tardies only)
4. Parent Conference
5. Administrative Referral

Accommodations:

Requests for accommodations for this course or any school event are welcomed from students and parents.

Concerning laptop utilization:

1. Student laptops should not be hard wired to the network or have print capabilities.
2. Use of discs, flash drives, jump drives, or other USB devices will not be allowed on Madison City computers.
3. Neither the teacher, nor the school is responsible for broken, stolen, or lost laptops.
4. Laptops and other electronic devices will be used at the individual discretion of the teacher.

Grading Policy: Test grades will account for 60% of the 9-weeks grade, with the remaining 40% being determined by quizzes and performance tasks. The grading scale is as follows: A (90-100), B (80-89), C (70-79), D (65-69), and F (below 65). Grades will be a reflection of mastery of the standards. Make sure all absences are excused as class work can be made up and graded for excused absences only. The office must receive a note from your child within 3 days of absence for the absence to be eligible to be excused.

Make-up Test Policy: It is a student's responsibility to meet with their teacher upon returning from an absence to discuss any make-up work and to schedule a time to make up any missed tests.

Textbook: Big Ideas Math Accelerated (Green Book)
ISBN Number: 978-1608402267
Online access: https://bim.easyaccessmaterials.com/index.php?location_user=na
Choose the Common Core 2014 curriculum

Materials and Supplies Needed:

1. 3-Ring Binder with paper or spiral notebook
2. Pencil
3. Dry Erase Marker and Eraser

Course Outline:

- Unit 1: Numerical expressions and factors
- Unit 2: Fractions and decimals
- Unit 3: Algebraic expressions and properties
- Unit 4: Areas of polygons
- Unit 5: Ratios and rates
- Unit 6: Integers and the coordinate plane
- Unit 7: Equations and inequalities
- Unit 8: Quantitative relationships
- Unit 9: Surface area and volume
- Unit 10: Statistical measures
- Unit 11: Data displays