



MATH 6

Syllabus

Discovery Middle School
1304 Hughes Road
Madison, AL 35758

Teacher: Mrs. Elizabeth Milam
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Class Webpage: <https://www.madisoncity.k12.al.us/Page/7588>
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Course Description:	Math 6: Year Course Math 6 is based on the Alabama Course of Study Standards for 6th grade. Concepts will include, but are not limited to ratios and rates, rational numbers, expressions and equations, geometrical reasoning, and statistics. Students gain a deeper understanding of math concepts by narrowing their focus to fewer topics. Students who successfully complete this course will be ready for Math 7.
Course Objectives:	At the conclusion of this class, students will be able to use the skills outlined in the Alabama 6th Grade Math Course of Study. Students successfully completing this course will be prepared for Math 7 or Accelerated Math 7.
Classroom Expectations:	Classroom Rules and Procedures: <ul style="list-style-type: none">● Be in your seat when the tardy bell rings.● Bring your computer (with charger), homework, and materials to class every day.● Food and drink are not allowed in the classroom. (WATER in a closed container is permitted.)● Have a growth mindset for learning.● Treat others as you want to be treated.● Behave in a manner conducive to learning for all.● Show respect for yourself and others at all times.● Follow all rules listed in the Madison City Schools Code of Conduct and the DMS Student Handbook. Possible Consequences: <ul style="list-style-type: none">● Conference with the student● Parent contact● Detention (for in-person tardies only)● Parent Conference● Administrative Referral
Textbook:	Alabama Reveal Math, Course 1 Students have access to the textbook online through a link in Schoology.

Grading:	Test grades will account for 60% of the 9-weeks grade, with the remaining 40% being determined by quiz/daily grades. 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 through the attendance office as work can be made up and graded for excused absences only.
Make-up Work:	Under normal circumstances, it is expected that students will submit previously assigned work upon return to school after an excused absence. All work missed on the day(s) of excused absences must be made up within a timeframe determined by the teacher. It is the responsibility of the student to ensure he or she makes up work following excused absences. Students will not receive credit for and will not be allowed to make up any assignments, tests, work, activities, etc., missed during unexcused absences. (per DMS 2023-2024 Student Handbook)
Late Work:	For work turned in late, the following policy will apply: <ul style="list-style-type: none"> ● The assignment will drop one LETTER grade for each school day that passes. For example, if an assignment is turned in one school day late, the highest a student can receive is 89%; two days late, 79%, etc. <ul style="list-style-type: none"> ○ 1 day late = maximum credit 89% ○ 2 days late = maximum credit 79% ○ 3 days late = maximum credit 69% ○ 4 days late = maximum credit 59% ○ 5-10 days late = maximum credit 50% <ul style="list-style-type: none"> ■ Half credit is always better than no credit! Until work has been made up, "Missing" (which counts as a zero) will be put in the grade book. This will be updated once work is completed and turned in.
Accommodations:	Requests for accommodations for this course or any school event are welcomed from students and parents.
Technology	Concerning student laptop/Chromebook utilization: <ul style="list-style-type: none"> ● Student laptops should not be hard-wired to the network or have print capabilities. ● Use of discs, flash drives, jump drives, or other USB devices will not be allowed on Madison City computers. ● Neither the teacher, nor the school is responsible for broken, stolen, or lost laptops. ● Laptops and other electronic devices will be used at the individual discretion of the teacher.
Materials and Supplies:	<ul style="list-style-type: none"> ● Loose Leaf Paper ● Loose Leaf Graph Paper

	<ul style="list-style-type: none"> • 1 ½ inch (or larger) 3-ring binder (students will use this binder for both ELA and math class, or they are welcome to buy 2 different binders - one for ELA and one for math) • 1 set of tab dividers • Scientific Calculator (TI-30XS Multiview suggested) • Colored Pencils • Highlighters • Index Cards • Pencils (plus extra lead for mechanical pencils or a handheld sharpener for regular wooden pencils)
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36 Week Plan *Subject to Change	
Week	Units
1	Unit 1: Long Division, Decimals, and Fractions
2	Unit 1: Long Division, Decimals, and Fractions
3	Unit 1: Long Division, Decimals, and Fractions
4	Unit 2: Ratios and Rates
5	Unit 2: Ratios and Rates
6	Unit 2: Ratios and Rates
7	Unit 3: Integers, Rational Numbers, and the Coordinate Plane
8	Unit 3: Integers, Rational Numbers, and the Coordinate Plane
9	Unit 3: Integers, Rational Numbers, and the Coordinate Plane
10	Unit 4: Numerical Expressions and Factors
11	Unit 4: Numerical Expressions and Factors
12	Unit 4: Numerical Expressions and Factors
13	Unit 5: Algebraic Expressions and Properties
14	Unit 5: Algebraic Expressions and Properties
15	Unit 5: Algebraic Expressions and Properties
16	Unit 6: Equations and Inequalities

17	Unit 6: Equations and Inequalities
18	SEMESTER REVIEW AND EXAMS
19	Unit 6: Equations and Inequalities
20	Unit 7: Two Variable Equations
21	Unit 7: Two Variable Equations
22	Unit 7: Two Variable Equations
23	Unit 8: Areas of Polygons
24	Unit 8: Areas of Polygons
25	Unit 8: Areas of Polygons
26	Unit 9: Surface Area and Volume
27	Unit 9: Surface Area and Volume
28	Unit 9: Surface Area and Volume
29	ACAP Standardized Testing
30	Unit 10: Statistics
31	Unit 10: Statistics
32	Unit 10: Statistics
33	Unit 11: Data Displays
34	Unit 11: Data Displays
35	Unit 11: Data Displays
36	FINAL EXAM REVIEW AND TESTING