Math Team 6

Syllabus

Discovery Middle School
1304 Hughes Road
Madison, AL 35758

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Course Description:	**Accelerated Math 6: Year Course** Accelerated 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 in Math Team Accelerated Math 6 are expected to apply all skills learned at a higher level of conceptual understanding. Some independent learning will be required. Students who successfully complete this course will be prepared for Math Team Accelerated Math 7 and on the pathway for placement into Math Team Accelerated Math 8. Students will be expected to attend weekend competitions. *Current Alabama Math Course of Study*
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 Team 7 or Accelerated Math 7.
Classroom Expectations:	Classroom Rules and Procedures: 1. Have a positive attitude. 2. Be responsible. 3. Be respectful to others and their opinions. 4. Set high expectations for yourself. 5. Follow all rules in your DMS Handbook & MCS Code of Conduct. Discovery Middle School Classroom Management Plan
Textbook:	Alabama Reveal Math https://my.mheducation.com/
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.

Late Work:	For work turned in late, the following policy will apply: • 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. 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% • 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.
Turnitin Notice:	The majority of writing assignments in this course will be submitted to Turnitin via the Schoology learning platform. The primary focus of this software is to help students become better writers and scholars. Turnitin generates a report on the originality of student writing by comparing it with a database of periodicals, books, online content, student papers, and other published work. This program will help students discern when they are using sources fairly, citing properly, and paraphrasing effectively - skills essential to all academic work. Students will have the opportunity to review their Turnitin originality report and will have the opportunity to make revisions before submitting their work for grading. Once their work is submitted, teachers have the opportunity to view the student's originality report and grade accordingly.
Technology	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 will be used at the individual discretion of the teacher and should be brought to school daily.
Materials and Supplies:	Binder with paper or Spiral Notebook Pencils and Erasers Highlighters Scientific Calculator - Suggested type TI-30XS *A phone will not be used as a calculator School issued device charged with charger

Weekly Plan *Subject to Change	
Week	**Units**
1	Procedures and Expectations
2	Long Division using Standard Algorithm, Decimals, Measurement Conversions with Unlike Systems, and Division with Fractions
3	Long Division using Standard Algorithm, Decimals, Measurement Conversions with Unlike Systems, and Division with Fractions
4	Ratios, Rates, and Measurement Conversions with Like Systems
5	Ratios, Rates, and Measurement Conversions with Like Systems
6	Ratios, Rates, and Measurement Conversions with Like Systems
7	Percents
8	Percents
9	Integers, Rational Numbers, and the Coordinate Plane
10	Integers, Rational Numbers, and the Coordinate Plane
11	Integers, Rational Numbers, and the Coordinate Plane
12	Numerical & Algebraic Expressions
13	Numerical & Algebraic Expressions
14	Numerical & Algebraic Expressions
15	Equations and Inequalities
16	Equations and Inequalities
17	Equations and Inequalities
18	Midterm Review
19	Midterm
20	Two Variable Equations
21	Review due to 6th Grade Space Camp 1/12 - 1/17
22	Two Variable Equations

23	Areas of Polygons
24	Areas of Polygons
25	Surface Area and Volume
26	Surface Area and Volume
27	Statistics /Data Displays (Teaching, not testing)
28	Statistics /Data Displays (Teaching, not testing)
29	ACAP Standardized Review
30	ACAP Standardized Testing
31	ACAP Standardized Testing
32	Statistics, Dot Plots, Line Plots, and Stem & Leaf Plots (Review and Testing)
33	Statistics, Dot Plots, Line Plots, and Stem & Leaf Plots (Review and Testing)
34	Statistics, Histograms, and Box Plots (Review and Testing)
35	Statistics, Histograms, and Box Plots (Review and Testing)
36	Final Exam Review
37	Final Exam Review
38	Final Exam