



7TH GRADE MATH

Syllabus

Discovery Middle School
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Madison, AL 35758

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Class Webpage: <http://dms.madisoncity.k12.al.us>
Google Classroom: <https://classroom.google.com>

Phone Numbers: **Code: qvtd95**
256-837-3735

Course Description: Math 7 is based on the Alabama College and Career Ready Standards for 7th 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. They master content through reasoning opportunities and engaging activities providing a deeper understanding. Teachers will provide a balanced instructional approach between discovery and direct instruction. Students successfully completing this course will be ready for Math 8. Therefore, we are implementing a mastery approach, meaning students are expected to demonstrate at least 75% on each indicator. (Unit test are made up of 3 to 5 indicators/skills)

Course Objectives: To successfully master the skills outlined in the Alabama 7th Grade Math Course of Study. Students successfully completing this course will be prepared for Math 8.

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 drink 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 – by phone or email
3. Detention
4. Parent Conference
5. Administrative Referral

Accommodations:

Requests for accommodations for this course or any school event are welcome 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 quiz/CDC/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 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 the 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 (Red Book)

ISBN Number: 978-1-60840-299-1

Online access: <https://bim.easypassmaterials.com/index.php?level=8.50>

- Click on "Choose a Program" and select *Common Core*.
- Select the Red Big Ideas Math Accelerated Book.

Materials and Supplies Needed:

1. 2" 3-Ring Binder with paper or 1 5-subject notebook
2. Calculator (Scientific or 4-Function)
3. Protractor
4. Pink, Yellow, and Green Highlighters (turn in to teacher)
5. Pencil and Pencil Sharpener
6. Graph Paper (turn in to teacher)

Course Outline:

Unit 1: Integers

Unit 2: Rational Numbers

Unit 3: Expressions and One-Step Equations

Unit 4: Two-Step Equations and Inequalities

Unit 5: Proportionality

Unit 6: Percents

Unit 7: Angles, Triangles, and Polygons

Unit 8: Surface Area and Circles

Unit 9: Probability

Unit 10: Volume and Cross Sections

Unit 11: Statistics

Unit 12: Similarity