7TH GRADE ACCELERATED MATH
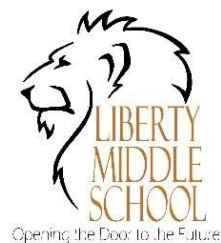## Syllabus

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Course Description: This course is designed for students who desire the opportunity to take the 8th grade Accelerated Math course. Students will be taught a combination of 7th, 8th, and Algebra I standards throughout this course. Concepts will include, but are not limited to, rational number operations, laws of exponents, multi-step equations, algebraic expressions, slope-intercept form, linear functions, measurement, irregular and composite plane figures, data collection and analysis, and experimental and theoretical probability. Madison City Schools implements a mastery approach for this course, meaning students are expected to demonstrate at least an 80% on each indicator.

Course Objectives: To successfully master the skills outlined in the Alabama 7th Grade Accelerated Math Course of Study.

Classroom Expectations:

Expectations:
1. Be in your seat when the tardy bell rings.
2. Bring any and all texts, homework, and working materials with you.
3. Be kind and respectful!
4. Save off topic request and sharing for after instruction time.
5. Take time to reflect when answering.

Virtual Expectations:
*The above expectations are still applicable in the virtual setting, plus the following:
1. Enter with the microphone muted at all times unless during designated question time.
2. Video on at all times. Please be in appropriate school attire, no background noises, or distractions.
3. Be aware that the live sessions may be recorded and reposted on Schoology.

Possible Consequences:
1. Conference with the student
2. Parent contact – by phone or email
3. Detention
4. Parent Conference
5. Administrative Referral

Grading Policy: Test grades will account for 60% of the 9-weeks grade, with the remaining 40% being determined by quiz/writing assignments/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.

INOW: All official grades will be recorded and updated in INOW. Grades in Schoology might not be the most up-to-date or accurate, so do not rely on Schoology for grade information. If you need access to INOW, please call Liberty Middle School to get your login information.

Make-up Work: 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 (Blue Book - 8th Grade Skills)
Online access: https://bim.easyaccessmaterials.com/index.php?level=9.00

Big Ideas Math Accelerated (Red Book - 7th Grade Skills)
Online access: https://bim.easyaccessmaterials.com/index.php?level=8.50

If the link does not take you directly to the book, click the down arrow beside "Choose Your Program," and select "Common Core." Then click Go.

Materials and Supplies Needed:
1. Binder
2. Loose-leaf paper
3. Loose-leaf graph paper
4. Pencils
5. We may periodically use the following items:
   a. Highlighters
   b. Colored Pencils
   c. Scissors
   d. Expo Markers
   e. Glue Sticks
6. Scientific Calculator (TI-30XS) (Starting with Unit 3)

Course Outline:
Unit 1: Integers, Rational Numbers, and Expressions
Unit 2: Equations
Unit 3: Proportions and Percents
Unit 4: Slope and Graphing Linear Equations
Unit 5: Writing Linear Equations
Unit 6: Probability
Unit 7: Statistics
Unit 8: Angles and Triangles
Unit 9: Circles, Surface Area, and Volume
Unit 10: Scale Factor and Transformations
Unit 11: System of Equations
Unit 12: Real Number System, Square Root, and Cube Root
Unit 13: Law of Exponents and Scientific Notation