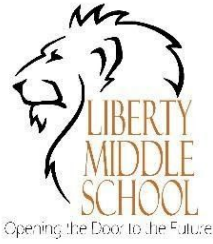


# 7<sup>TH</sup> GRADE MATH

## Syllabus



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### 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. Students successfully completing this course will be ready for Math 8. Madison City Schools implements a mastery approach for this course meaning students are expected to demonstrate at least 75% on each indicator.

### Course Objectives:

To successfully master the skills outlined in the Alabama 7<sup>th</sup> Grade 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:**

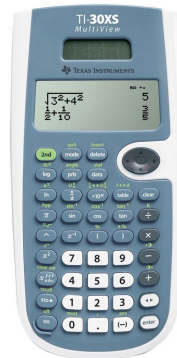
Big Ideas Math Accelerated (Red Book - 7<sup>th</sup> Grade Skills)

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
- 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