

# Math 7/8 Syllabus 2017-2018

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School website: [www.greenville.k12.sc.us/rms](http://www.greenville.k12.sc.us/rms)  
Class website: <http://sites.greenvilleschools.us/aparker/>  
Planning times: 2<sup>nd</sup> period and 5<sup>th</sup> period

**COURSE OVERVIEW:** Math 7/8 includes all pre-algebra skills. It sets high expectations for all students, making provisions for enrichment and acceleration for advanced students and remediation for students who need more assistance. The curriculum provides a complete correlation of the South Carolina Mathematics Curriculum Standards and the Holt McDougal: *Larson Pre-Algebra* textbook. It will give students a broad range of information covering the five strands of mathematics: Number and Operations, Algebra, Geometry, Measurement, Data Analysis and Probability.

**TEXTBOOK:** Holt McDougal: *Larson Pre-Algebra*

**Because we have a classroom set of books, students are to leave their school issued book at home.**

**MATERIALS:** Students should bring items #1-3 to class with them every day, unless specifically instructed otherwise:

1. **Binder:** A binder with lined paper. You may have a smaller, individual binder or a section for math in a larger one.
2. **Pencils and erasers:** Work must be done in pencil.
3. **Earbuds**
4. **Box of tissues.** I do not need hand sanitizer.

## **RESOURCES:**

<http://my.hrw.com>

This is the website for our math textbook company.

Students will have individual user names and passwords. It is suggested students write these down in their agenda.

Practice: Most websites below include math games that review skills.

<http://www.mathplayground.com/>

<http://www.funbrain.com/brain/MathBrain/MathBrain.html>

<http://www.coolmath4kids.com/>

<http://www.khanacademy.org/>

<http://www.usatestprep.com>

## **COMMUNICATION:**

- Assignments and dates of assessments will be posted on my school website and updated on a regular basis.
- Contact will be made through phone calls and e-mail, as needed.
- Parents are encouraged to access grades online and contact me as needed, using the information provided at the top of this page.

**ABSENTEEISM:** If a student is absent, it is the student's responsibility to check with another student, the assignment board in the classroom, or the website for missed work. It is the student's responsibility to schedule make up tests and complete other assignments within 5 days of the absence. Students should also check with a fellow classmate for missed notes and other important information.

## **GRADING:**

As per district policy:

50% Major Assessments (Tests and/or large projects)

50% Minor Assessments:

- 10% Practice (homework, classwork, etc.)
- 40% quizzes

## **Greenville County Grading Scale**

A 90-100  
B 89-80

C 79-70  
D 69-60  
F 59-50

Three to four major tests each quarter (at least one per unit).

We will be working in the computer program ALEKS this year. More information will be sent home later in the year.

Projects – various times throughout the year

- Homework will be assigned most days of the week. (See below.)
- All notes must be kept in your binder.
- All homework, handouts, and returned papers should be kept in your binder. After each test, students can take papers home to save or discard.
- Students are encouraged to save chapter review assignments, quizzes, etc. to prepare for the cumulative benchmark test at the end of each quarter and the final exam/benchmark test at the end of the year.

### **ASSIGNMENTS:**

Homework is assigned most days of the week. Assignments are due the next school day unless specified otherwise. To earn full credit (100 points), work must be:

- complete (all assigned problems have been done)
- in pencil
- turned in on time
- labeled with the student's name, class period, assignment page number and problem numbers
- **have all problems copied and all work shown** (as demonstrated in class)

Work that is incomplete, but otherwise of good quality, may be graded based on the amount complete. (For example, if a few problems have been skipped but the work is otherwise of good quality, a student might earn an 80 instead of 100 points.)

Any work not completed on time will be subject to the RMS Late Work Policy. (see handbook)

Students who need extra help may see me any morning in the lobby from 7:45 to 8:15 or during flex time. A hall pass is not needed to see me in the lobby.

We will be having some assignments in IXL – more information to follow later in the year.

### **CLASSROOM PROCEDURES:** On most days, our classes will follow this progression:

1. Entering class
  - Students are expected to enter class quietly and get ready for class to start. (take out homework and agenda)
  - Sharpen pencils and throw away trash before class begins.
2. Check Homework and discuss correct solution strategies, as needed.
3. Introduce new objective(s) with vocabulary, notes, and sample problems.
4. Practice individually and with partners/groups.
5. Review the day's objective(s).
6. Assign homework. Assignments are due the next school day unless specified otherwise.

### **CLASSROOM BEHAVIOR EXPECTATIONS:**

- Be on time.
- Bring all required materials.
- Stay in your seat.
- Raise your hand and wait for permission to speak.
- Show respect to everyone.

Any behavior that interferes with the learning of self or others cannot be allowed and will be dealt with accordingly and consistently. The RMS discipline System will be followed.

**Units of Study:**

Operations (whole numbers, decimals, fractions, integers) (This will be a very quick review of operations with whole numbers, decimals, fractions, and integers)

Geometry

Inferences

Probability

Transformations, congruence and similarity

Exponents

Geometric applications of exponents

Functions

Linear Functions

Linear Models and Tables

Systems of Equations