Mrs. Little

Algebra 1- Course Syllabus

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**COURSE OVERVIEW:**

1. Modeling Linear Functions-Construct and interpret arithmetic sequences as functions, algebraically and graphically, to model and explain real-life phenomena.
2. Analyzing Linear Inequalities-Create, analyze, and solve linear inequalities in two variables and systems of linear inequalities to model real-life phenomena.
3. Investigating Rational and Irrational Numbers-Investigate rational and irrational numbers and rewrite expressions involving square roots and cube roots.
4. Modeling and Analyzing Quadratic Functions
5. Modeling and Analyzing Exponential Expressions, Equations, and Functions.
6. Algebraic Connections to Geometric Concepts-Solve problems involving distance, midpoint, slope, area, and perimeter to model and explain real-life phenomena.

**CLASSROOM EXPECTATIONS:**

1. Students are EXPECTED to be on time for class.

2. Students are EXPECTED to come to class with all materials daily.

3. Students are EXPECTED not to use profanity.

4. Students are EXPECTED to refrain from eating, drinking, and/or grooming in the

classroom.

5. Students are EXPECTED to respect themselves, all staff members, and each other

as well as the property of others.

6. Students are EXPECTED to use computer software, and reading, materials appropriately at all times.

7. Students are EXPECTED to abide by all classroom and RCBOE rules.

**CHEATING IS ABSOLUTELY UNACCEPTABLE AND WILL RESULT IN A ZERO AND PARENT CONFERENCE**

**GRADE WEIGHT:**

Minor Grades: Classwork, Homework, Quizzes, Warm-ups, iReady, Short Discussion, Entrance/Exit Tickets - 60%

Major Grades: Projects, Tests, Extended Discussion - 40%

Final Exams  
a. Final Exams will count for 10% (unless otherwise established by the State or System) of  
the overall grade for each high school course.  
b. Courses with state-required end-of-course Georgia Milestones assessments will count  
this test as the only comprehensive final exam and must calculate the score as 10%  
(unless otherwise established by the State or System) of the final grade.

**MATERIALS NEEDED (On 8th grade supply list):**

* Pencil
* Highlighters
* 2” Binder
* **2** Composition Notebooks – RED for Mathematics, GREEN for Social Studies
* Calculator
* Laptop

**Late/Missed Work:**

Students in grades 6-12 may have their scores reduced by 5% per school day for a 25% maximum reduction (five school days). Late work submitted after the fifth school day will only be accepted at the teacher’s discretion. Completing work in a timely manner during the learning unit is essential for academic success.

***Discipline/Consequences:***

1. Verbal Warning
2. Loss of Dojo points & Reflection
3. Parent Contact
4. Major Write-up & Parent Conference

Please sign and return:

Parent/Guardian Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_