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**ALGEGRA 1 Syllabus 2016-2017**

# Mrs. Stephens

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Blog: <http://ecbalg1.weebly.com/>

Remind: To receive text notices and updates for this class, text “@4stephens or @5stephen to 81010 depending on which period you have me

**Curriculum Information:** The fundamental purpose of Algebra 1 is to formalize and extend the mathematics that students learned in the middle grades. The critical areas, organized into units, deepen and extend understanding of linear relationships, in part by contrasting them with exponential phenomena, and in part by applying linear models to data that exhibit a linear trend. Algebra 1 uses algebra to deepen and extend understanding of geometric knowledge from prior grades. The next unit in the course ties together the algebraic and geometric ideas studied. Transformations on the coordinate plane provide opportunities for the formal study of congruence and similarity. The Mathematical Practice Standards apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

**Assessment:** Most Summative Assessments (tests) in math will be on Thursdays or Fridays during each unit of study. Formative Assessments (quizzes) can be any day of the week, and can be 2 or 3 per unit of study. In addition, there will be a benchmark assessment at least once per semester. Mathematics is a major component of the Georgia Milestones. The EOC is an automatic 20% of the grade. It is the student’s responsibility to be diligent with study habits, notebook organization and math homework to ensure every possible success in this class and on the end of year assessment.

# Textbook Students will be given online access to the textbook: Holt McDougal Georgia Coordinate Algebra. Students will also be given additional resources during class each day.

**To Access the online Textbook**

 Step 1 – Go to <http://my.hrw.com/>

 Step 2 – Enter your username:  and password: (I will distribute them in class)

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| **Algebra I Teaching & Learning Frameworks** | | | | | |
| **Semester 1** | | | **Semester 2** | | |
| **Unit 1**  5 weeks | **Unit 2**  5 weeks | **Unit 3**  8 weeks | **Unit 4**  6 weeks | **Unit 5**  5 weeks | **Unit 6**  7 weeks |
| **Relationships Between Quantities & Expressions** | **Reasoning with Linear Equations & Inequalities** | **Modeling & Analyzing Quadratic Functions** | **Modeling & Analyzing Exponential Functions** | **Comparing & Contrasting Functions** | **Describing Data**  **Review and Extend** |
| These units were written to build upon concepts from prior units, so later units contain tasks that depend upon the concepts addressed in earlier units.  All units will include the Mathematical Practices and indicate skills to maintain | | | | | |

**GSE Algebra 1**

**Georgia Standard of Excellence (GSE) Algebra 1 Course Guide**

\*\*This Syllabus a guide and is subject to change. Time actually spent on each unit may vary and is subject to change.

**Help Sessions** will be offered on Thursdays from 8:15am to 8:45am. Room locations will be posted on teacher blogs. **Blogs** may be accessed by clicking the **Faculty/Staff** link on the school website, then clicking the teacher’s name.

**IMPORTANT INFORMATION:**

* The course framework and instructional strategies for this course are differentiated in content, pacing, process skills emphasis, and expectation of student outcomes from the typical 8th grade math course. Course content has been designed for mastery and extension of state and district performance standards. The course is appropriate for students who have high achievement and interest in math. East Cobb Middle School has established criteria and guidelines to identify students who will be successful in this course. Students are placed in this class according to specified indicators of demonstrated exceptional ability and motivation. Students must meet continuation criteria to remain in the class.
* This class will be conducted at a high school level with the student being responsible for his or her own learning. Each student is expected to come to class prepared with appropriate supplies to complete his or her work.
* Students are expected to complete and turn in assignments on time.
* Students who are absent will have the number of days absent plus one to make up all work. For example if a student was absent for two days, he/she would have three days to complete make-up work. Tests and quizzes should be made up the when the student returns.
* To find review and test practice, visit the teacher’s blog for a list of online resources available.
* 10 points will be deducted each day (up to three days) for late work. After that, the work will receive a **zero**.

## GRADING POLICY: Grading Scale:

## A 90 - 100

Homework/Classwork (TOD/Warmups): 10% B 80 - 89

Formative Assessments (Quizzes/Performance Task): 25% C 74 – 79

Summative Assessments (Tests/Projects): 45% D 70 – 73

End of Course Test: 20%F 69 and below

\*\*\*This is a full-year class. Progress reports will be sent home every nine weeks. For the final course average:

80% all other grades + 20% Milestone EOC grade.

***Supplies*:**

Binder (1 ½” to 2”) with Notebook paper

Calculator (either a Graphing Calculator (TI-84, TI-83), or a TI-36X Pro)- Optional

- No need to buy one as I will have a class set for them to use in class only.

Pencils with erasers Graph paper

Color pencils Kleenex

Dividers Handheld sharpener with cover

Expo Dry erase markers (low odor) Hand Sanitizer

**Contact Info:** Please feel free to contact your child’s teacher anytime you have questions or concerns. Email is the most efficient way to contact me, and conferences may be set up during my planning, from 10:00 – 11:00.

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| --- | --- | --- |
| **Teacher** | **Email (Preferred method of contact)** | Phone Ext. (770) 578-2740 |
| Mrs. Stephens | [LADONNA.STEPHENS@cobbk12.org](mailto:LADONNA.STEPHENS@cobbk12.org) | 449 |

**EAST COBB MIDDLE SCHOOL MATH DEPARTMENT**

**SYLLABUS ACKNOWLEDGEMENT**

**LaDonna Stephens Algebra 1**

**Please check in the blanks to the left indicating your agreement with the following:**

**\_\_\_\_\_ I have reviewed the class syllabus and understand the grading policy.**

**\_\_\_\_\_ I will sign up for REMIND 101 in order to receive text notices and updates for this class.**

**\_\_\_\_ \_ I am willing to be contacted by email and have provided my email address below.**

**\_\_\_\_\_ I have access to the Internet and will check on my student’s progress in this class.**

**\_\_\_\_ \_ I am willing to check the class blog so that I am aware of important dates for upcoming assignments**

**and assessments**

**Please fill out and have student return tomorrow.**

**STUDENT’S NAME: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_PERIOD:\_\_\_\_\_\_\_\_\_\_\_\_**

**PARENT(s) / GUARDIAN(s) INFORMATION: (Please PRINT clearly)**

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**(NAME) (RELATIONSHIP)**

  

**(CELL PHONE #)**



**(E-MAIL)**

**\*\*Students should expect this semester to feel more like a high school experience. Expectations will be higher, the rigor increased, and the students held more accountable for their actions. Students must come prepared to class with pencil, eraser, homework, notes, etc. each day.**

**I have read and understand the policies and procedures described in the syllabus.**

**Student Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Parent Signature:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**