

Chester County High School

Algebra I Syllabus 2019 – 2020

Instructor: **M. Adele Ellington**

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Room: W20 Planning period: 5th

Course Description:

Algebra I applies problem situations, physical models, and appropriate technology to extend algebraic thinking and engage student reasoning. Problem solving provides opportunities in which students will apply their math skills to real-world situations. Students use models to represent, explore, and develop concepts. The use of appropriate technology will help students apply math in an increasingly technological world. Material covered in this class will be tested on the Algebra I end of course testing and ACT. Topics covered in Algebra I are also needed to succeed in Geometry and Algebra II.

Standards Covered:

Algebra I Grading:

Report card letter grades reflect a percentage of those scores using the following grading scale:

A = 93 – 100

B = 85 - 92

C = 75 - 84

D = 70 - 74

F = 0 – 69

Each student's grade will be calculated using the following percentages:

Tests: 40%

Quizzes: 40%

Homework/Classwork/Other: 20%

Resources:

Algebra I, Carnegie Learning High School Math Solution First Edition

Students will be receiving consumable textbooks. STUDENTS ARE RESPONSIBLE FOR BRINGING TEXTBOOKS TO CLASS DAILY. Students will be charged if a replacement book is needed.

TI-Nspire CX calculators will be available for students to use while in the classroom for testing.

Supplies:

- Three-ring Binder (1 or 1 ½ inch)
- Notebook Paper
- Graph Paper
- Pencils and Erasers
- Highlighters
- 1 Box of Tissues (To be left at school.)

Calculator. Students will be supplied a calculator to use while in class and on tests. Students may wish to purchase their own calculator for home use, and use on the ACT (junior year). This is not required. All math classes at Chester County High School will be using the **TI-Nspire CX** calculators. This may be the best choice, if the student wishes to purchase a calculator, so that it will be streamlined with their high school courses.