

Cumberland Gap High School

Algebra 1 Course Syllabus

Teacher: Shannon Rice

Classroom: 235

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423- 869- 9964 #235

Google Classroom Codes:

1st: vh2agr66

2nd: jg3yqcfi

3rd: hozsenjf

Course Description: Algebra 1 introduces students to variables, algebraic expressions, equations, inequalities, and functions, and all their multiple representations. In this class, students will develop the ability to solve real-world application problems, demonstrate the appropriate use of graphing calculators, and communicate mathematical ideas clearly. This course lays the foundation for mathematical literacy that will help students be successful in future mathematic courses.

Course Topics: Module 1 Expressions

Module 2 Equations in one Variable

Module 3 Relations and Functions

Module 4 Linear and Nonlinear Functions

Module 5 Creating Linear Equations

Module 6 Linear Inequalities

Module 7 Systems of Linear Equations

Module 8 Exponents and Roots

Module 9 Exponential Functions

Module 10 Polynomials

Module 11 Quadratic Functions

Module 12 Statistics

Required Materials:

Paper

Folder (for organization)

Graph Paper

Pencils

Colored Pencils

Highlighters

Pens

***All assignments/resources are posted to Google Classroom**

Grading Distribution:

70% Test and Quiz

30% Homework

Tennessee Math Standards:

<https://acrobat.adobe.com/id/urn:aaid:sc:US:675d1f5c-095c-47e3-b24e-e3a57133e634>

***The Claiborne County Board of Education Handbook will be followed at ALL times.**

***Any Plagiarism, cheating, or AI use will be subject to Cumberland Gap High School Policy.**