

## Math Foundations Syllabus

### Course Description:

In Math Foundations, students use arithmetic properties of subsets of integers and rational, irrational and real numbers by simplifying expressions, solving linear equations and inequalities, graphing equations, finding the equation of a line, working with monomials and polynomials, and factoring and completing the square. Students use properties of the number system to judge the validity of results, justifying each step of the procedure to prove or disprove statements. Students compute perimeter, circumference, are, volume and surface area of geometric figures. Students also use basic trigonometric functions defined by the angles of a right triangle.

### Additional Materials Required:

- None

### Student-Teacher Conferences:

Office Hours. Students can schedule up to three (3) Student-Teacher Conference over the duration of the course. These meetings are optional, and attendance will not affect your grade.

To schedule an office hour with your teacher to please visit the Student Resources page on [waonline.org](http://waonline.org).

### Washington Academy Grading Scale:

**A** = 100 - 93  
**B** = 92 - 85  
**C** = 84 - 76  
**D** = 75 - 70  
**F** = 69 or less

Coursework Overview

○ ASSIGNMENTS



Assignments are completed by the student through fillable PDFs which they can fill-out, save to computer, then upload to in the Learning Management System. Assignments are typically found throughout the course(s) and can be opened by clicking the “**Activity**” button when prompted to do so. Assignments will be graded by your teacher.

○ ASSESSMENTS



Assessments, or Quizzes, are predominately computer graded and will test your knowledge of the content of each Section upon completion.

○ EXAMS



At the end of each Unit, Semester and the Course, you will need to complete an Exam.

○ PARTICIPATION



Participation grade is determined upon the completion of the “End of Course Survey.” Participation in Discussion boards or Office hours does NOT affect your grade.