

Math 1 Curriculum

This is a one-year college prep course. The fundamental purpose of the Mathematics 1 course is to formalize and extend the mathematics that students learned in Common Core 6, 7 and 8 grade. Math 1 includes standards from the conceptual categories of (1) Number System, (2) Algebra, (3) Functions, (4) Geometry, and (5) Statistics and Probability. The instructional time will focus on these critical areas. The Math Practice will complement these critical content standards so that students engage with the subject matter as they grow in mathematical mastery during their middle and high school years.

Chapter Topic List:

1. Solving Linear Equations
2. Solving Linear Inequalities
3. Graphing Linear Functions
4. Writing Linear Functions
5. Solving Systems of Linear Equations
6. Exponential Functions and Sequences
7. Data Analysis and Displays
8. Basic Geometry
9. Reasoning and Proofs
10. Parallel and Perpendicular Lines
11. Transformations
12. Congruent Triangles