

Algebra 1

Content Overview:

Algebra I aims to deepen and extend student understanding built in previous courses by focusing on developing fluency with solving linear equations, inequalities, and systems. These skills are extended to solving quadratic equations, exploring linear, quadratic, and exponential functions graphically, numerically, and symbolically. On a daily basis, students will use problem-solving strategies, questioning, investigating, analyzing critically, gathering and constructing evidence, and communicating arguments to justify their thinking. The course is balanced among procedural fluency (algorithms and basic skills), deep conceptual understanding, problem solving, and adaptive reasoning (extension and application). This course meets NCAA eligibility requirements. A graphing calculator is recommended for students enrolled in Algebra I.

Text Books:

CPM <https://cpm.org/ccg-cca-cca2-table-of-contents/>

Assessments:

- CPM Assessments and Teacher Created assessments
- Ohio State Test (OST)

[OST- Math](#)

CLICK HERE Algebra I [Standards and Learning Goals](#)