

Algebra I Intervention and Algebra I

Algebra I Intervention is a comprehensive, extended-period course offered in the fall semester, which is designed to help students who are one to three years behind in mathematics re-engage as motivated learners and succeed in Algebra I *within a single academic semester*.

In districts nationwide, as many as 50% of students fail Algebra I the first time and must repeat it—some more than once. These struggling students often end up behind in gaining needed requirements for graduation and college, and are at greater risk of dropping out.

Central to the Intensified Algebra I program is the idea that struggling students need a powerful combination of additional time; a challenging curriculum; and cohesive, targeted supports and interventions. With these tools and teaching supports in place, students can stay on track, graduate on time, and gain passage to advanced learning.

Algebra I provides a powerful method for describing interdependence and change—two ideas that are essential to understanding mathematics, often called the language of science. Throughout the Algebra I course, students will.

- Learn to use basic algebraic tools to represent problem situations
- Gain a sound understanding of functions and their multiple representations
- Develop a solid understanding of rate of change
- Model and solve important problems with linear, exponential, and quadratic functions and related equations

Students need a sound understanding of functions and their multiple representations. Algebra I provides that, and is widely accepted as an essential foundation not just for higher-level mathematics but for the knowledge required for participation in our democracy and for a successful economic life.

Centennial High School 9th grade students not enrolled in Honors Algebra will be enrolled in both Algebra 1 Intervention and Algebra 1.

Course ID# = ALG1INT-GN-S and ALG1-GN-S Please enter both numbers into your course requests

Special Education Inclusion Course ID# = ALG1INT-SI-S and ALG1-SI-S Please enter both numbers into your course requests

Special Education Self-Contained Course ID# = ALG1INT-SS-S and ALG1-SS-S Please enter both numbers into your course requests

(Please note: The fall semester portion of the class is for elective credit. The spring semester portion of the course is for 1 of 4 Math Graduation Credit Requirements)