

INTENSIVE ALGEBRA I

WHAT IS THE INTENSIVE ALGEBRA I COURSE?

Current research shows that success in Algebra I is a key factor in both student graduation rates and college success. After reviewing 2016-2017 Louisiana Algebra I statewide assessment data, it was determined that only 40% of 9th graders were genuinely prepared for the opportunity to be successful in college. The Intensive Algebra I is a course designed to provide strategic remediation and supports students who persistently struggle in mathematics.

In 2017-2018, the Intensive Algebra I course was piloted in 110 schools over 50+ districts, and additional schools implemented the course in 2018-2019. Two years of results from the Intensive Algebra I course show a positive impact on the initial success in Algebra I for students who persistently struggle in math.

COURSE HIGHLIGHTS

The Intensive Algebra I scope and sequence exposes students to aligned, prerequisite work just prior to accessing the on grade level content in Algebra I. The goal is to address specific prerequisite content just in time for the knowledge to be built upon in Algebra I.

The Intensive Algebra I course is designed to:

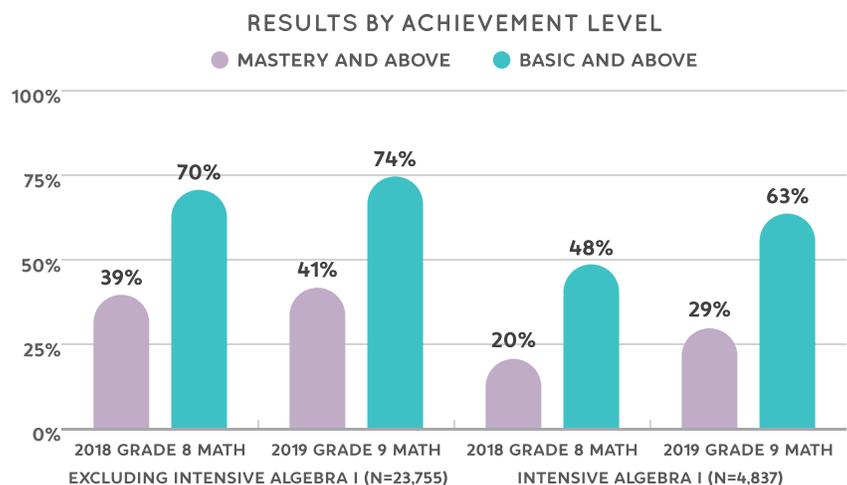
- Support students who scored unsatisfactory, approaching basic, or low basic on the Grade 8 LEAP 2025
- Combine a high-quality Algebra I curriculum with targeted prerequisite support
- Engage students with 90-100 minutes of math instruction each day, with 1 period of aligned, prerequisite work and then 1 period of Algebra I

WHAT SUCCESS HAS INTENSIVE ALGEBRA I HAD IN LOUISIANA & NATIONALLY?

- The number of students enrolled in Intensive Algebra I has more than doubled since the pilot in 2017-2018.
- These students continue to show significantly more growth than similar students in traditional Algebra I. The growth rate for students scoring Basic+ was 15% compared to 4.69% for similar students enrolled in traditional Algebra I.

In the News

- [A Case Study in Catalyzing Change in High School Mathematics](#) (NCTM)



WHAT'S NEXT FOR INTENSIVE ALGEBRA I?

Agile Mind, Illustrative Mathematics, and Springboard offer an Intensive Algebra I course. Louisiana is currently working to make Intensive Algebra 1 available across the state to all students who demonstrate significant gaps in mathematical understanding in middle school.

WHO TO CONTACT?
STEM@LA.GOV
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