



National Training Network

Methodology Research

Gaston County Public Schools
North Carolina
2006–2007

Algebra 1 Research Pilot Results for Gaston County Public Schools 2006 – 2007

Implementation: Gaston County Public Schools began working with National Training Network to implement the Algebra I Supplement in the summer of 2006.

Training: Teachers were trained prior to the start of the school year and follow up trainings were offered throughout the year.

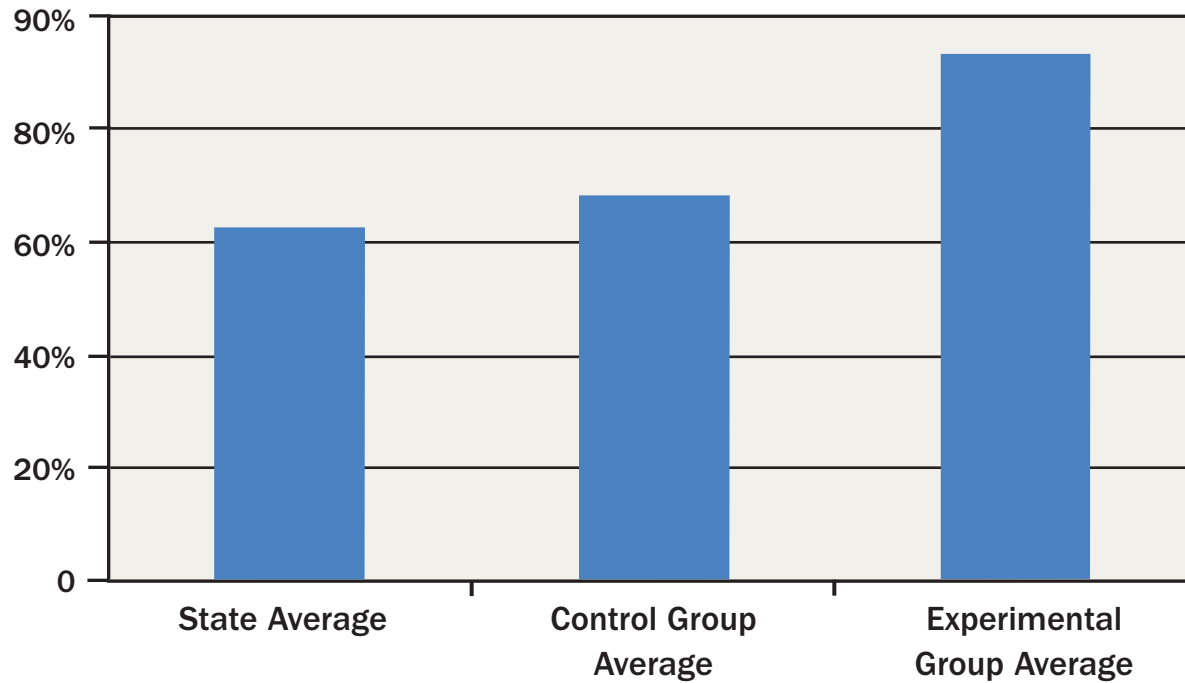
Support: National Training Network provided onsite coaching in the high schools in Gaston County on an average of one day per month.

Placement/Course Eligibility: Students were randomly assigned to classes based on their class schedule. The students in the study were “true” freshman attending high school for the first time. There were 52 students in the experimental group and 49 students in the control group. Students in each group used the same North Carolina Standard Course of Study and standard textbook. The variable of interest was the inclusion was a supplemental set of lessons from a program entitled “The Key Elements to Algebra Success” along with the district’s standard textbook. The lessons were designed to enhance concept development and were strategically inserted into the curriculum at key points so as to enable the learners to benefit more fully from the standard text.



Algebra 1 Research Pilot Results for Gaston County Public Schools 2006 – 2007

Algebra 1 Pass Rate



The graphs shows a **67.35%** pass rate for the control group and an **88.46%** pass rate for the experimental group. The state had a **62%** pass rate for the same exam.

