

# SCIENTIFIC RESEARCH

## QUASI-EXPERIMENTAL

### Accelerated Math® Enhances High School Achievement on SAT 9

Students Gain 1 Grade Equivalent in Less Than 4 Months

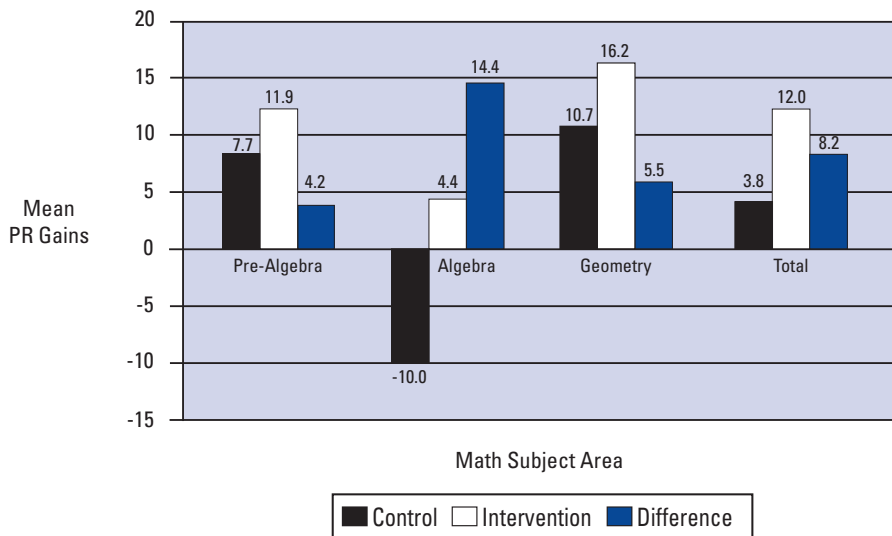
Summarized from: Gaeddert, T. (2001) *Using Accelerated Math to enhance student achievement in high school mathematics courses*. Unpublished Master's thesis, Friends University, Wichita, KS.

Report written in 2002.

#### Introduction

The use of Accelerated Math math management software was beneficial to high school students; test scores increased and attitudes toward math improved.

Students Using Accelerated Math Achieve Higher SAT 9 Scores



#### Main Findings

- High School students using Accelerated Math gained more on the SAT 9 than students not using the program.
- Student attitudes toward math improved with Accelerated Math.
- Parents felt their children were learning more with Accelerated Math.

#### School Profile

Buhler High School, Grades 9–12

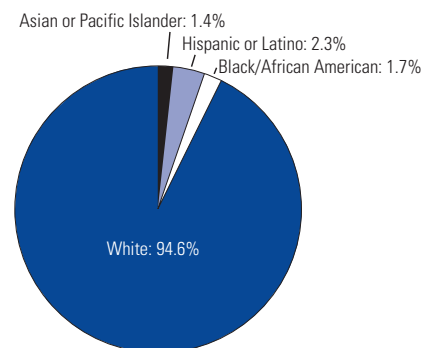
Students: 777

Buhler, Kan.

#### Demographics:

Free or reduced lunch: 13%

#### Race/Ethnicity:



#### Educator Background

Terri J. Gaeddert has 10 years of experience teaching mathematics in grades 9–12. She received her bachelor's degree in secondary education from Chadron State College, Chadron, Neb. In addition to teaching, Gaeddert is currently serving as a technology specialist for her school, and will receive her Masters of Arts in Teaching from Friends University, Wichita, Kan.

(more information on back)

