



# Using Khan Academy to Effectively Enhance High School Math Instruction through Best Practices and Research-based Principles

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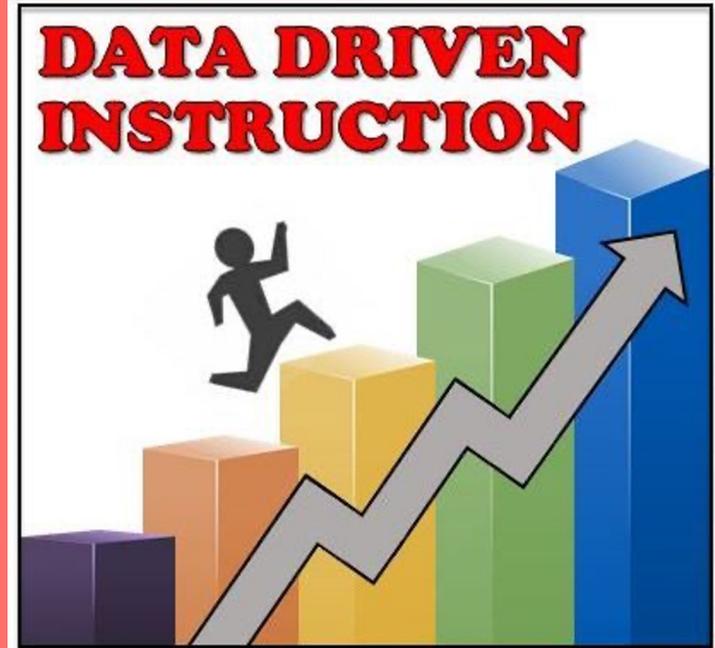
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# Purpose Statement

The goal of the study was to determine if students' mathematics skills (achievement scores, the dependent variable) would be affected by active learning strategies.



# Literature Review

## Assessments for Learning

**Are  
students  
learning?**



**PLC**

Collaboration



**Technology**

Responsive  
Pedagogy



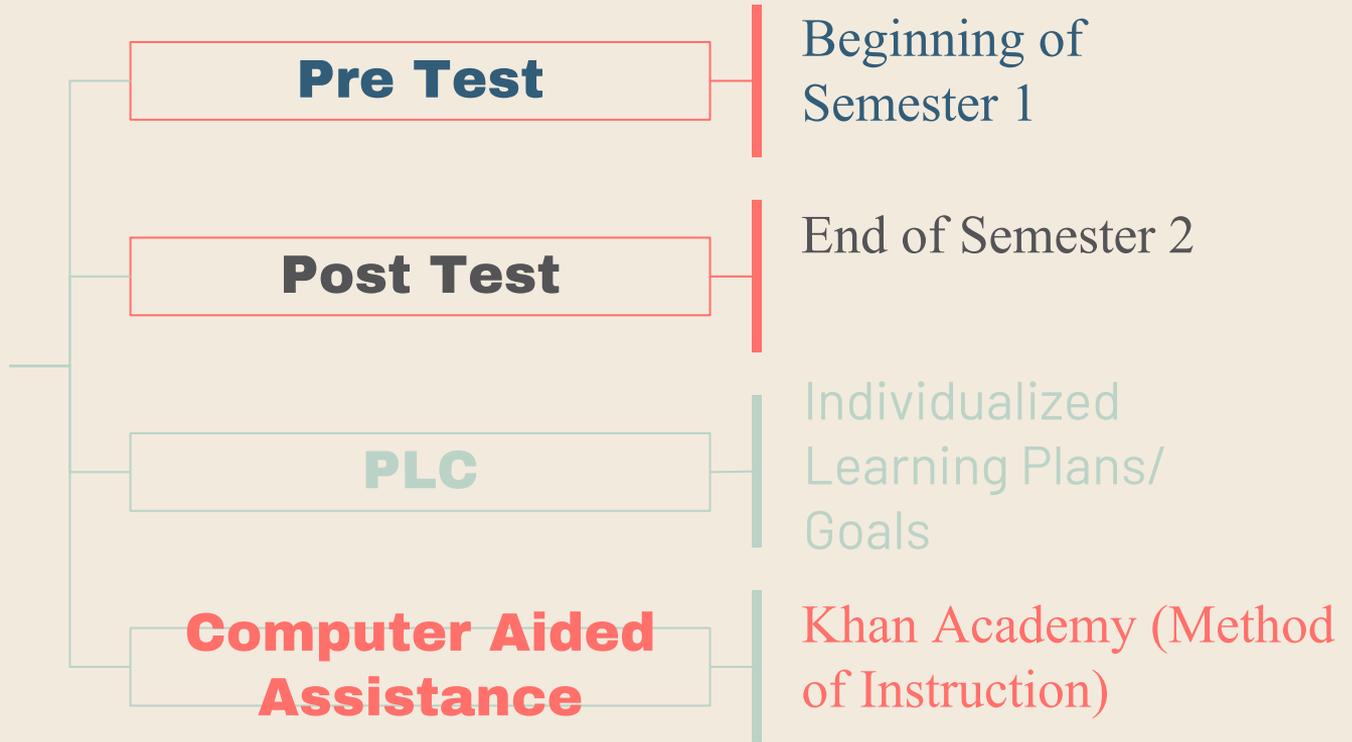
**Student  
Engagement**

Long term  
retention



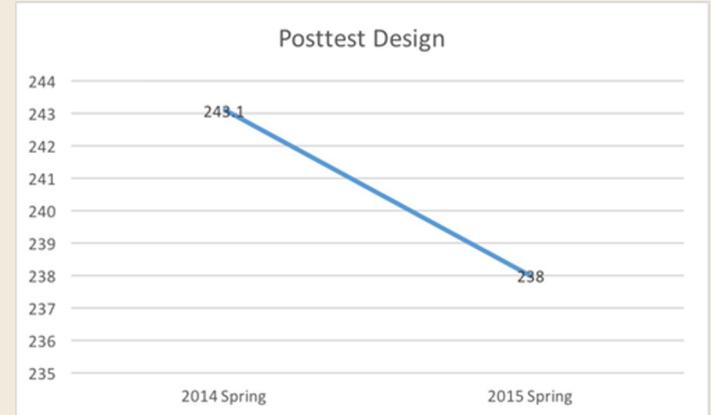
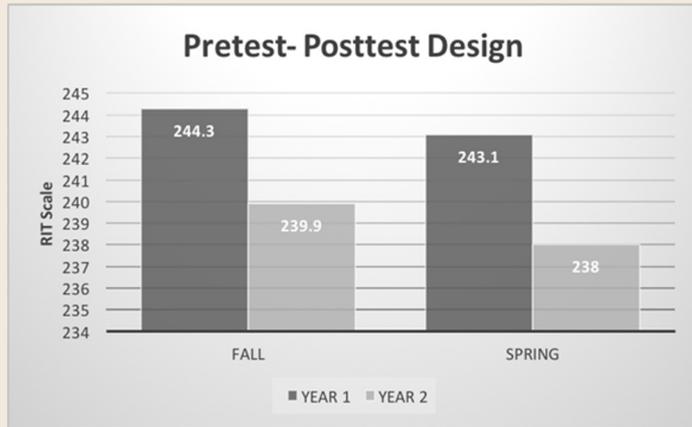
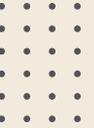
# Methodology

Measures of  
Academic  
Progress  
(MAP)





# Results



# Discussion



## Data Driven Instruction

Engage



## PLC-Stakeholders

Connect



## Technology

Inspire



## Active Learning

Increased achievement

