REALLY GREAT READING

Ignite the Power of Literacy

RESEARCH STUDY

InferCabulary Drives Vocabulary Gains: A Case of Accelerated Learning Outcomes

Overview

Today, vocabulary acquisition remains a critical challenge for many students, directly impacting their reading comprehension and academic success. Traditional vocabulary instruction often lacks the engagement and repeated exposure needed for effective learning. Educators need a solution that works for all learners.

A 2022 peer-reviewed study, published in the Journal of Special Education Technology, covered 13 schools in four districts across three states and examined the efficacy of students' independent use of **InferCabulary**, a powerful vocabulary program offered by Really Great Reading.

The study's results underscore the program's capacity to address critical gaps in vocabulary development.

The power of engaging and effective vocabulary learning

Program information

InferCabulary is a research-backed, innovative program designed to help students master vocabulary through engaging visuals and context-rich learning experiences. Developed for students in grades 3-12, InferCabulary strengthens learners' ability to understand the deeper meaning of texts, cultivating the robust vocabulary necessary for academic success. Unlike traditional methods, InferCabulary uses a unique semantic reasoning approach, encouraging students to infer word meanings through images and captions, promoting deeper understanding and retention.

The research

The study involved 656 fifth-grade students from 30 classrooms across three states in the Mid-Atlantic, Midwest, and West. Three cohorts of students were included in the research study:

1. InferCabulary without teacher guidance
2. Business as usual (BAU) instruction, and
3. Best practice teacher-led instruction.

The findings

- InferCabulary **teaches words 3 to 4 times faster** than direct instruction without the need for teacher prep or direct instruction
- Fifth graders with and without disabilities **outperformed peers** in BAU vocabulary instruction on multiple-choice, picture identification, and sentence identification measures
- Students in the BAU condition showed significantly lower gains in vocabulary knowledge compared to the InferCabulary group
- Students using InferCabulary **performed similarly to students who received best practice, direct instruction** from a licensed educator, and both these cohorts significantly outperformed students who had received BAU instruction
- InferCabulary **improves vocabulary for all students**: both students with and without disabilities significantly improved their vocabulary scores when using InferCabulary compared to traditional teaching methods

Additional analysis

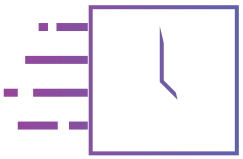
InferCabulary promotes **instructional independence**, allowing students to engage with vocabulary learning without relying solely on teacher-led instruction. Students have **positively reported** that the program enhances their ability to learn terms and definitions, reinforcing its effectiveness.

By incorporating **evidence-based literacy practices**, InferCabulary helps address **implementation gaps** in instruction, making it a valuable **technology-mediated tool**. Designed to help all learners succeed, it supports students with disabilities, struggling learners, and general education students alike, offering **versatile applications** in all classrooms.

Grounded in evidence-based practices, proven to work

The compelling data from this peer-reviewed study demonstrate the effectiveness of InferCabulary's research-proven, multimodal approach for accelerated vocabulary learning.

> **"InferCabulary is an excellent digital tool for building deep vocabulary skills through multisensory cues and the use of a new approach: semantic reasoning. It helps plug a huge hole for us regarding online tools that directly help students develop a key, often overlooked reading and language ability. Best I've seen in a long time."**
>
> Dr. Michael Hart, Educational Consultant & International Literacy Expert, Nashville, TN



InferCabulary teaches words

3-4x faster

than direct instruction

Customizable and Extensive Word Library

Empowers Independent Learning

Multimodal, Interactive Learning

Prepares Students for Academic Success

Time-saving Solution

Learn more

Click here to read the research paper.