# The Impact of Engageli on Learning Outcomes

## What actually works in online learning?

Educators have long known that active learning leads to better learner outcomes, but what happens when we apply that idea to online classrooms?

Traditional video conferencing tools weren't designed for learning. They're great for meetings, but when it comes to deep engagement, knowledge retention, and participation, they fall short.

That's why one of our university partners decided to put Engageli to the test. They ran a study to see what would happen when the same professor taught the same course on two different platforms:

1. Engageli, built for active learning
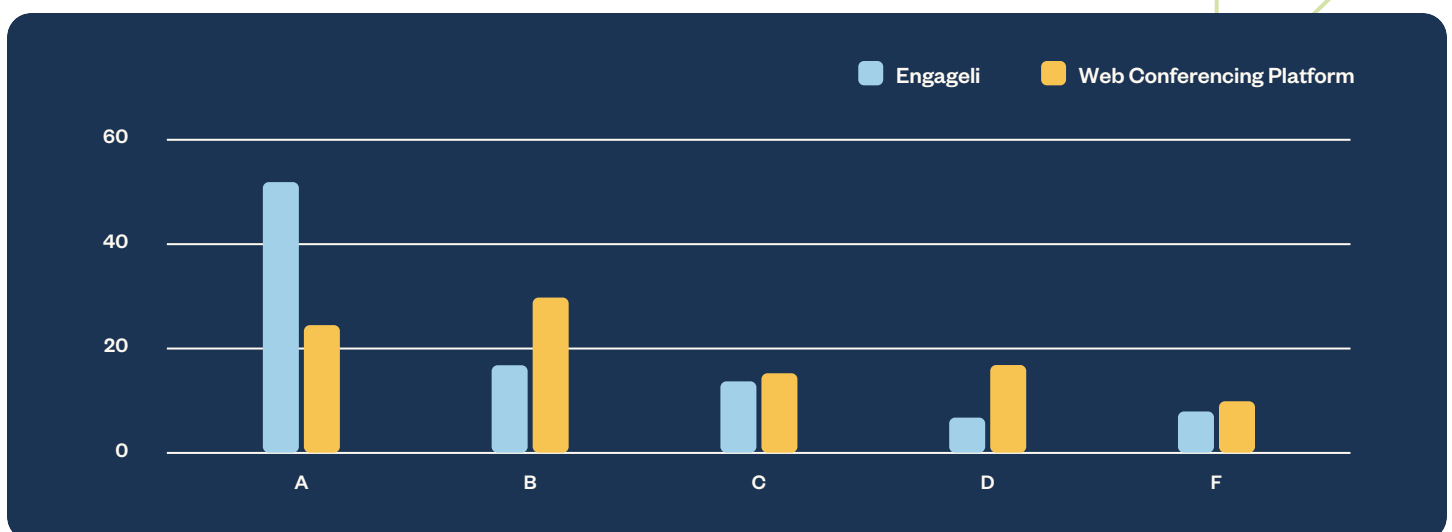
2. A standard web conferencing platform

### The results

The below bar graph shows learner grade distribution in Engageli vs. a traditional video conferencing platform.

- Twice as many learners earned A grades in the Engageli-powered course.

- Learners actively participated more — instead of passively listening, they engaged in discussions, took notes, and worked in small groups.

- Professors observed stronger comprehension and better knowledge retention.

**2X** as many learners earned A grades in Engageli

# The active learning difference

The Engageli Teaching and Learning Team wanted to go deeper, so we conducted our own study to see exactly how different levels of interaction affect engagement and learning outcomes.

## How we measured it

We taught the same subject to multiple groups, but each group experienced a different style of learning:

**Level 0:** Traditional lecture-style (passive learning) – An instructor speaking, learners listening.

**Level 1:** Some interactive elements (moderate engagement) – Limited learner participation through chat and Q&A.

**Level 3:** Fully collaborative and interactive (active learning) – Small-group discussions using Engageli's virtual tables, interactive exercises, live polling and quizzes, and peer collaboration.
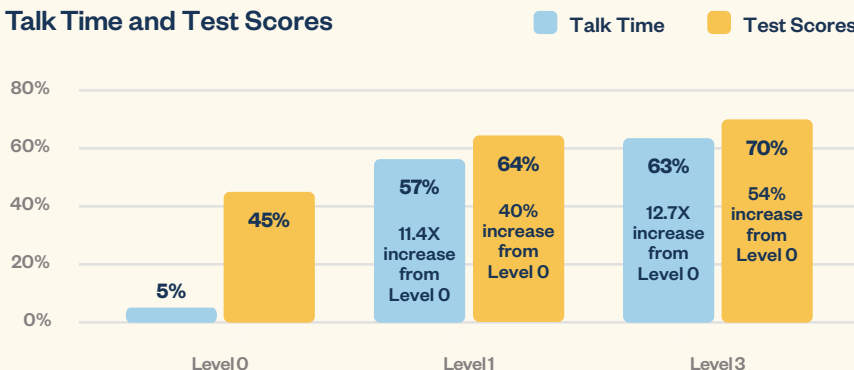
## The results

By applying active learning best practices, the Level 3, active learning class solicited 13x more learner talk time, 16x more nonverbal engagement, and 54% higher test score than the learners in the Level 0, lecture-style class.
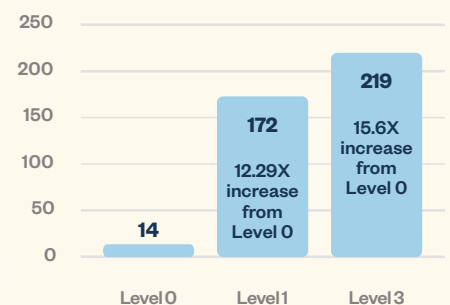
### 13X
more learner talk time

### 16X
more non-verbal engagement

### 54%
higher test scores

## Talk Time and Test Scores

Legend: Talk Time, Test Scores

- Level 0: Talk Time 5%, Test Scores 45%
- Level 1: Talk Time 57% (11.4X increase from Level 0), Test Scores 64% (40% increase from Level 0)
- Level 3: Talk Time 63% (12.7X increase from Level 0), Test Scores 70% (54% increase from Level 0)

## Nonverbal Engagement Incidents

- Level 0: 14
- Level 1: 172 (12.29X increase from Level 0)
- Level 3: 219 (15.6X increase from Level 0)

When learners are **actively engaged**, they don't just memorize — they **process, apply, and retain** information more effectively. The more they participate, the better they understand.

We have clear data: active learning isn't just a theory; it directly improves learner performance.

If we want better learning outcomes, we need to rethink how we teach online. Moving from passive lectures to structured, interactive learning environments like Engageli makes a measurable difference.

**Learn more at Engageli.com or scan the QR code to explore the research further.**