



LXDRESEARCH
AT CHARLES RIVER MEDIA

Coursemojo

Implementation Study Insight Report
Fall 2024, Middle School ELA

Prepared by:

Rachel Schechter, Ph.D.

FEBRUARY, 2025

PROGRAM DESCRIPTION

Coursemojo is an innovative AI-powered teaching and learning assistant designed to meet diverse learner needs while maintaining rigor of the curriculum and the social experience of learning. The platform serves as both a tutor for students and an assistant for teachers, emphasizing proactive learning through pre-teaching strategies. Key features include:

- Real-time feedback during student work
- Support for collaborative small group work
- Embedded accessibility features in 60+ languages
- Integration with existing high-quality instructional materials (HQIM)

STUDY DETAILS

Analysis Sample Sizes

- Tennessee: 12 schools (6 implementation, 6 comparison)
- Texas: 3 schools (implementation)

Time Frame

August - December 2024

Implementation Description

- Teachers used Coursemojo 2-4 times per week to provide core ELA instruction and support.

Implementation included:

- Teacher and leader professional development
- Ongoing coaching support
- Regular feedback cycles for product improvement

STUDY CONTEXT

Coursemojo collaborated with two school districts during the 2024-2025 school year to evaluate the impact of its AI-powered teaching and learning platform. The study examined implementation in middle school English Language Arts classrooms across Aldine Independent School District (Texas) and multiple schools in Tennessee. This report focuses on describing the growth made by students (at the school level) using Coursemojo's platform compared to peers, analyzing both benchmark assessments and standardized test performance. Results were provided by the districts.

KEY FINDINGS

- Schools implementing Coursemojo showed significantly better progress toward achievement targets. Mojo schools demonstrated smaller gaps between current performance and targets compared to non-implementing schools, with multiple implementation sites exceeding their year-end goals by mid-year.
- The platform proved particularly effective at developing students' text evidence skills. Implementing schools showed notably higher gains in text evidence skills compared to district averages, suggesting strong development of core literacy competencies.
- Implementation sites demonstrated strong engagement outcomes, with over 80% of students reporting increased classroom participation and teachers consistently reporting positive impacts on student learning and instruction.

PRELIMINARY CONCLUSIONS

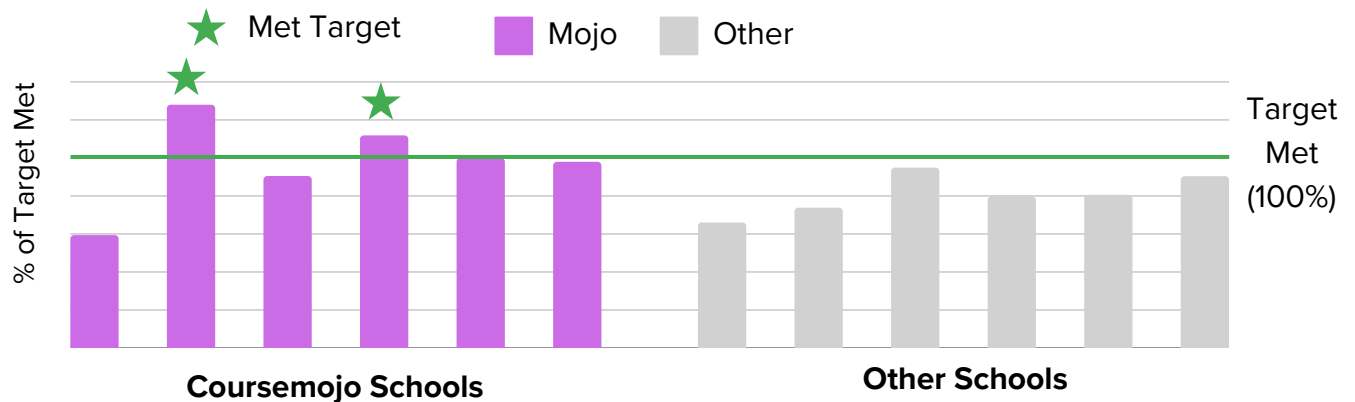
Early implementation data suggests Coursemojo is supporting schools in closing achievement gaps and accelerating student growth, particularly in targeted skill areas like text evidence usage. The platform shows promise in engaging students and supporting teachers in implementing high-quality instructional materials effectively. Continued data collection through spring 2024 will provide additional insights into the long-term impact on student achievement.

TENNESSEE IMPLEMENTATION

In the Tennessee state accountability system, schools have custom targets for meeting Annual Measurable Objectives (AMO) for the percentage of students who met/exceeded grade-level achievement expectations.

- Implementation schools showed significantly smaller gaps between Fall Benchmark performance and AMO compared to non-implementation schools (1 point gap vs. 10 point gap, on average; $t(10) = -2.64, p < .05$).
- Two implementation schools exceeded their end-of-year AMO goals on Fall (mid-year) benchmarks, while no comparison schools reached their targets.

Tennessee Middle Schools Progress Towards 2025 AMO Targets



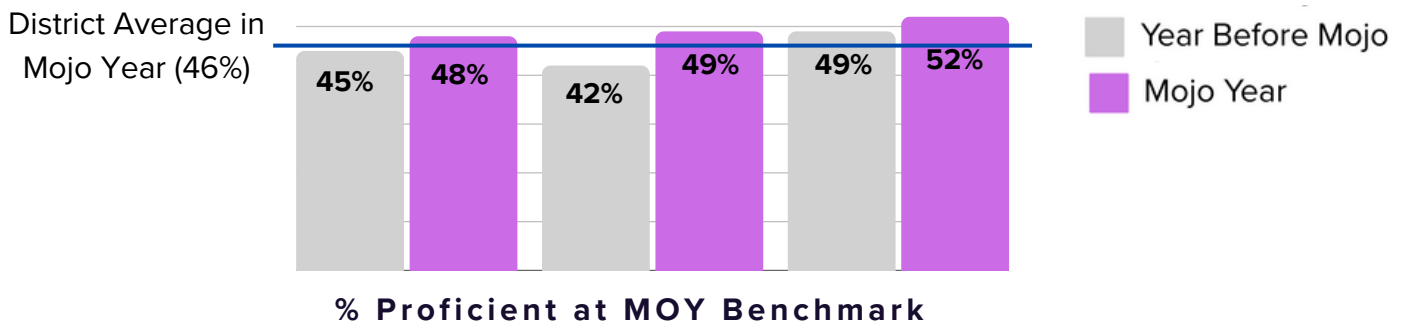
TEXAS ISD IMPLEMENTATION

The Texas ISD tracks student achievement through regular progress monitoring assessments across all ELA skills. Mid-year assessment data showed encouraging improvements in proficiency rates comparison mid-year 2023-24 to mid-year 2024-25:

- District overall: Increased from 45% to 46% proficient (+1 point)
- Mojo School #1: Increased from 45% to 48% proficient (+3 points)
- Mojo School #2: Increased from 42% to 49% proficient (+7 points)
- Mojo School #3: Increased from 49% to 52% proficient (+3 points)

Notably, all schools implementing Coursemojo showed greater gains than the district average, with School 2 demonstrating particularly strong growth at 7 percentage points above the previous year.

TEXAS ISD Middle School Progress Compared to District Averages



EDUCATOR & STUDENT VOICES

To understand the Coursemojo implementation perspective, educators and students were surveyed and interviewed throughout the pilot year (2023-2024) and Fall 2024. The following statistics and quotes are selectively pulled from those activities.

School Implementation:

- Student enrollment increased 3-7 percentage points across pilot schools
- Student achievement in using evidence for understanding (TEKS 6.5F) improved 8-15 points
- Teachers reported positive crossover into social studies and science

Teacher Survey Results:

- 100% enjoy using Coursemojo in their classrooms (4.2/5 rating)
- 98% report positive impact on student learning (4.0/5 rating)
- 96% say it makes their jobs easier and more enjoyable (4.1/5 rating)
- 93% report better curriculum implementation (4.1/5 rating)
- 93% note improved ability to check student understanding (4.1/5 rating)

Student Survey Results:

- 92% indicated the platform supported their learning
- 83% reported increased class participation
- 80% reported increased engagement with activities

While some noted initial challenges with organizing online materials, teachers valued Coursemojo's flexibility and effectiveness in supporting student engagement with complex texts.

"Mojo did a good job pushing students toward the target, pushing 'all-star' students who tend to get things quickly, and also **leveled the playing field** for the students who may have needed some additional support"

"For me the most exciting part is that you have **25 teaching assistants** and tutors to help and push students. I'm thinking in writing instruction, I would repeat the same feedback over and over again, but I couldn't give enough feedback over the course of the year to change practice in students."

"I've never seen my students so engaged."

"My biggest worry going in was that we typically focus exclusively on students that struggle and don't always push the envelope for students who excel; it did exactly what I was hoping it would do for those advanced students. **Loved how it was able to differentiate to both levels** while still giving students the same content and targets."





LXD Research is an independent research firm that evaluates educational programs with ESSA-aligned methods.

Learn more at www.lxdresearch.com

Coursemojo

For additional information about Coursemojo visit:

www.coursemojo.com