

A DERIVITA WHITE PAPER

# A Single Solution to Maximize Your LMS ROI & Drive Math Outcomes At Scale

How Derivita's all-in-one math support, assessment, and analytics solution seamlessly integrates with your LMS—simplifying adoption, enabling high-quality math instruction at scale, and keeping your LMS at the center of learning.

# Index

- Introduction: Why Districts Invest in An LMS..... 2
- The Hidden Cost of Products That Sit Outside your LMS..... 2
- The Math Instruction Crisis: Why Change is Urgent..... 3
- The Solution: How Derivita Optimizes Math Instruction in your LMS..... 5
- Maximizing Your LMS Investment: Why Schools & Districts Choose Derivita..... 5
- Conclusion: Maximizing your LMS LMS ROI While Improving Math Outcomes at Scale... 6
- About Derivita..... 8

## Introduction: Why Districts Invest in An LMS

In today's digital learning environment, districts invest in an LMS to become their centralized learning hub, ensuring that instruction is streamlined, data is accessible, and both teachers and students have a consistent and seamless experience. A well-implemented LMS is more than just a content repository—it is a command center for teaching and learning, designed to:

- **Provide seamless access to instruction**—anytime, anywhere, in class or beyond.
- **Leverage data-driven insights**—giving educators real-time visibility into student progress to drive better interventions.
- **Create a unified instructional experience**—ensuring all teachers and students interact with learning resources in one place.

Yet, despite these advantages, the true value of your LMS depends on how well its ecosystem supports the actual teaching and learning process. If curriculum and instructional tools don't integrate natively within your LMS, the result is a fractured and frustrating user experience—one that reduces efficiency, complicates workflows, and ultimately hinders student outcomes.

## The Hidden Cost of Products That Sit Outside your LMS

Despite significant investments in edtech, most districts struggle with low adoption rates for the majority of software tools they purchase. Research shows that nearly 67% of district-licensed software tools are used by less than 10% of students and teachers, and only 5% of tools see widespread adoption across a district.

This lack of engagement isn't just an inefficiency—it's a waste of time, money, and instructional potential. When essential math tools sit outside of your LMS, they become just another underutilized platform, leading to:

- **Workflow inefficiencies**—Teachers and students waste valuable time toggling between platforms, managing multiple logins, and troubleshooting access issues instead of focusing on learning.
- **Data silos**—Student progress and assessment data become incomplete or difficult to access, making it harder for educators to make informed instructional decisions.
- **Inconsistent learning experiences**—Students must constantly switch between different systems for different subjects, leading to confusion, frustration, and disengagement.
- **Lower LMS adoption**—When key instructional tools don't integrate, your LMS itself sees reduced usage, undercutting the very reason districts invested in it.
- **Edtech waste and underutilization**—Products that sit outside of your LMS not only pull educators and students away from the LMS, but they also suffer from low adoption rates themselves. When platforms are disconnected, they quickly become forgotten, underused, and ultimately abandoned—wasting district resources and diminishing the return on investment.

To fully realize the benefits of your LMS and the value of the additional products districts invest in, instructional tools must do more than just be available within the LMS—they must seamlessly integrate to ensure teachers can teach, students can learn, and data can flow effortlessly—all within one unified platform.

## The Math Instruction Crisis: Why Change is Urgent

Your LMS was designed to be a centralized hub for teaching and learning, yet most math tools still sit outside of it, creating unnecessary obstacles for students, teachers, and administrators. This disconnect isn't just an inconvenience—it's contributing to a math instruction crisis that is getting worse:

- **NAEP 2024 Report:** Math scores have hit their lowest point in 50 years, with only 26% of 8th graders proficient in math.

- **Harvard 2024 Analysis:** U.S. students now rank 36th internationally in math, and learning gaps continue to widen.
- **EdWeek 2024 Report:** In some states, less than 40% of students meet grade-level expectations.

At the same time, districts are investing heavily in edtech, yet most of it goes unused—especially when tools are not embedded within your LMS:

- 67% of district-purchased ed-tech licenses go unused (BrightBytes, 2024).
- Districts waste an average of \$3.8 million annually on software that is never or rarely used (Glimpse K12, 2023).
- When math tools are not embedded into the LMS, adoption drops by over 50% (ExcelinEd, 2024).

When math platforms operate outside of your LMS, they create frustrating barriers that lower adoption and limit impact:

- Students and teachers must leave your LMS to access assignments, disrupting learning.
- Multiple logins and platforms create access barriers and discourage participation.
- Manual data entry is required to sync grades, delaying feedback and limiting insights.
- School and district leaders lack real-time visibility into math instruction and student progress.

This fragmented approach undermines the very purpose of an LMS—and of all subjects, math should not be the one left outside. It is structured, logic-driven, and data-rich—yet too often, technology has complicated math instruction rather than improving it. Schools need a math instruction and assessment platform that actually works for teachers, students, and district leaders—one that simplifies instruction, centralizes data, and drives real student outcomes.

For districts to fully realize the value of their LMS investment, math tools must do more than exist—they must integrate completely, ensuring instruction, assessment, and data all flow effortlessly within a single platform.

## The Solution: How Derivita Optimizes Math Instruction in your LMS

To truly maximize the value of your LMS, math instruction must be fully integrated—not siloed in external tools. That’s where Derivita comes in. It is the only math solution built specifically to embed seamlessly into your LMS, delivering a high-impact, frustration-free experience for teachers, students, and district leaders.

With Derivita inside your LMS, districts get:

- **A Seamless LMS Experience** – No extra logins, no separate platforms—math assignments, grading, and analytics are fully integrated.
- **150K+ high-quality Dynamic Math Questions** – Dynamic, standards-aligned problems with millions of variations and auto-grading for even open-ended responses.
- **Unlimited student practice & instant feedback** – Keeps students engaged while reinforcing mastery.
- **Real-time analytics & insights** – Teachers, PLCs, and district leaders can monitor performance and adjust instruction proactively.
- **Automated grading beyond multiple choice** – Supports auto-grading for open-ended math problems, significantly reducing teacher workload.

## Maximizing Your LMS Investment: Why Schools & Districts Choose Derivita

When districts integrate Derivita into their LMS, they don’t just improve math instruction—they ensure higher engagement, better outcomes, and a stronger return on their edtech investment. Schools using Derivita experience:

- **Higher adoption** of both your LMS and math tools, ensuring ROI on both investments.
- **Simplified teacher workflows**, reducing frustration and improving instructional time.
- **Stronger instructional alignment**, making it easier to track student progress across schools and districts.
- **Better PLC collaboration**, with built-in tools to support professional learning communities.
- **More efficient resource allocation**, using real-time data to direct support where it's needed most.

With Derivita, your LMS becomes the central hub for math instruction—not just another tool in a disconnected system. By embedding math directly into the LMS, districts can finally eliminate fragmented workflows, improve student outcomes, and maximize the impact of both their LMS and their math instruction investments.

## Conclusion: Maximizing your LMS ROI While Improving Math Outcomes at Scale

For districts that have invested in your LMS, ensuring a strong return on that investment requires more than just using the platform—it demands fully integrating core instructional tools. Nowhere is this more critical than in math instruction, where disjointed platforms, manual workflows, and inaccessible data create barriers to both effective teaching and measurable student success.

Derivita was built to solve this problem. Unlike traditional math tools that operate outside the LMS, Derivita keeps math instruction, assignments, grading, and analytics fully embedded within your LMS, allowing districts to:

- **Maximize their LMS investment** by ensuring math is fully integrated into daily instruction.
- **Improve math outcomes at scale** with real-time data, personalized feedback, and unlimited student practice.

- **Reduce wasted spending on underutilized edtech**—when math tools sit outside your LMS, they often go unused or fail to deliver meaningful instructional impact.
- **Minimize distractions and inefficiencies**—external tools not only add complexity but also pull teachers and students away from your LMS, reducing LMS adoption and engagement.

As districts work to streamline workflows, reduce waste, and fully leverage their LMS investment, ensuring that math instruction is deeply integrated and driving student success at scale is essential. **An embedded math solution isn't just a convenience—it's the key to improving outcomes while making the most of every instructional dollar.**

## About Derivita

Derivita enables high-quality, rigorous math instruction at scale, from individual students and classes to school and district levels. Derivita uniquely streamlines your math workflows, content, and data, automating common tasks, and seamlessly integrating it all within your LMS.

Our holistic design reduces teacher workload, enables collaboration, and connects data to provide real-time analytics that drives instructional improvements—from student and class levels to school- and district-wide. No other math platform offers more comprehensive support for educators to deliver personalized pathways to math proficiency for every student.

To learn how Derivita can support your efforts to improve student math outcomes, schedule a conversation with your local Derivita representative at

<https://www.derivita.com/request-a-demo>