

GradeLens

From Administrative Work to Student Impact

A teacher-centered instructional operating layer for Missouri K-12 education

GradeLens is designed around a simple idea: technology should support teaching and empower educators, not replace human mentorship. The platform connects assessment, diagnosis, planning, differentiation, and student support so that information gathered in the classroom can lead directly to an instructional next step.

THE PROBLEM	THE GOAL	THE APPROACH
Teachers work across disconnected planning, grading, documentation, intervention, and compliance systems.	Reduce repetitive administrative work while making student learning needs easier to identify and act on.	Connect classroom data to teacher-reviewed, targeted instructional actions in one workflow.

Why GradeLens?

The presentation identifies three recurring challenges: fragmented classroom technology, heavy administrative demands, and the diagnostic bottleneck that occurs when teachers must manually review student work to determine why each learner struggled. GradeLens is intended to close the gap between assessment and instruction rather than treating grading as an endpoint.

The core question is not simply, “Can technology grade faster?” It is: Can technology help a teacher know what to do next?

Built for the existing classroom

The platform is presented as a paper-first and integration-friendly system. Teachers can continue using paper, digital submission links, Google Forms and Google Sheets while GradeLens structures the resulting information into usable classroom workflows.

The GradeLens Instructional Loop

Assessment becomes useful when it leads to a clear, teacher-controlled next step.

01	CREATE & IMPORT	Create or import assessments and begin the instructional workflow.
02	SUBMIT	Students submit work through paper or streamlined digital links.
03	DIAGNOSE	Results are analyzed for error patterns and underlying learning gaps.
04	REMEDiate	Teachers generate targeted practice aligned to the needs that were identified.

What the platform brings together

PLANNING & STANDARDS Lesson and curriculum planning with built-in tracking and alignment for Missouri Learning Standards across K-12 core subjects.	ASSIGNMENTS & SUBMISSIONS Create shareable student forms, accept no-login submissions, or import student work from Google Sheets.	EVALUATION & FEEDBACK Analyze written responses against teacher rubrics and instructions, producing scores, rationale, and student-facing feedback.
MISCONCEPTION DIAGNOSIS Move beyond a score by identifying error patterns and creating targeted, scaffolded practice.	STUDENT SUPPORT Surface IEP, 504, ELL, MTSS, therapy, and accommodation information so individual needs remain visible.	DATA & INTEGRATION Use CSV imports and existing classroom tools to populate rosters, gradebooks, and performance records.

Designed to Keep the Teacher in Control

GradeLens is presented as an assistant to educators, not an autonomous replacement for professional judgment. Automated evaluation is paired with teacher-facing rationale and review, while diagnostic information is used to help generate actionable practice and intervention.

TEACHER EMPOWERMENT

Reduce time spent on repetitive administrative processes so teachers can redirect attention toward relationships, small groups, and direct instruction.

INDIVIDUAL STUDENT FOCUS

Use assessment results and student support information to make differentiation more practical at classroom scale.

ADMINISTRATIVE VISIBILITY

Provide school and district leaders with aggregated information about student performance, standards mastery, and intervention effectiveness.

Special Education & Intervention

The presentation highlights workflows for IEPs, MTSS, therapy service scheduling, student analytics flags, and accommodation integration. The intent is to keep critical student needs visible while reducing the administrative friction involved in tracking and applying supports.

Security & data handling

GradeLens is presented as a FERPA-focused platform with scoped parent access, secure handling of student information, and a policy that student data is not used for AI training. The platform also supports structured imports from existing school data sources.

A note on demonstrated impact

The presentation reports substantial grading-time savings from automated evaluation and describes early pilot activity. These figures should be understood as presentation-reported early results rather than broad independent research findings.

The vision

GradeLens aims to create a calm instructional operating layer: a system in which teachers can begin the day organized, see what students need, and move from evidence to action without stitching together a collection of disconnected tools.

Technology should support teaching and empower educators, not replace human mentorship.

GradeLens
Built for teachers. Focused on students.

Audience brief prepared from the GradeLens AI Education Summit presentation.