



YOUR TEACHING POWER, MULTIPLIED

Teaching Labs

AI Infrastructure for Human-Centered Learning

A formation-stage AI education company helping teachers personalize instruction without losing the human side of learning.

Every student deserves a teacher who **never runs out of time.**



Dottie Stewart

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20+ years in K-12 education & technology



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I Didn't Just Start an EdTech Company.



I lived it.

Years in the classroom showed me what great teaching really looks like.



I saw it.

Teachers were expected to personalize learning for 30+ students simultaneously.

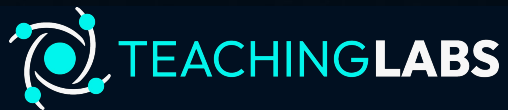


I realized it.

The problem was never teacher passion.
The problem was scale.

Great teachers deserve
better infrastructure.





Deep K–12 Experience. Proven Results.



ALL 50 STATES
Experience across the country.



LARGEST DISTRICTS
Partnered with the 5 largest U.S. districts.



20+ YEARS IN K–12
Deep expertise in teaching, curriculum, and technology.



PROVEN SALES LEADER
Trusted by superintendents, CIOs, and educators.



TECH TRANSFORMATION
Led and scaled technology adoption that sticks.



ALL 50 STATES

From New York to California,
rural to urban—helping schools
overcome complexity and
bring change to life.



I know the complexity. I understand the politics.
I've earned the trust. And I know how to get things done.



TEACHINGLABS





One Classroom Has Never Been One Level.

The age-old problem. Technology came and went.
It's always been a problem.



SMART boards
didn't solve it.



1:1 laptops
didn't solve it.



It's still dozens of
learners at all levels.



Technology digitized classrooms. | It never solved instructional scale.



30+

READINESS LEVELS

in a single classroom

Teachers are expected
to personalize learning
for every student—
simultaneously.

Even with Technology, Teachers Continue to Be Stretched

The expectations on teachers have grown.
The time to do it all hasn't.



54

HOURS

Average teacher
workweek



76%

OF TEACHERS

experience burnout
symptoms



7 IN 10

TEACHERS

say workload is
unmanageable

Sources: NCES (2020–21), RAND (2023), NEA



The issue isn't teaching quality.
It's operational scale.



Teachers are solving complex problems every day.
The challenge is that today's systems expect
them to do the work of a team—alone.



Schools and tech companies digitize education.
They didn't redesign how kids learn best.

WE DIGITIZED EDUCATION



More tools. More platforms. More screens.
More complexity.

← THE DISCONNECT →



HOW KIDS LEARN BEST



Hands-on. Connected. Creative.
Guided by **great teaching**.



“

We don't need less technology.
We need technology aligned to how humans actually learn.

”





AI creates the first real opportunity to **scale** individualized instruction.



GREAT TEACHING



DESIGN LEARNING
that makes sense.



GUIDE LEARNING
in the moment.



SEE LEARNING
that's happening.



HOW STUDENTS LEARN
Personalized. Relevant. Engaging.



HOW TEACHERS SEE LEARNING
Clear. Timely. Actionable.



HOW GROWTH HAPPENS
Targeted support. Real progress.



SMART TECHNOLOGY



CONNECT DATA
that matters.



PROVIDE INSIGHT
that's useful.



SUPPORT ACTION
that makes a difference.



The breakthrough is **not replacing** teachers.
It is giving great teaching **more reach**.



Infrastructure That Helps Great Teaching Scale

Technology should adapt to how humans learn — not the other way around.




**Teaching
Labs**

The infrastructure layer
for modern learning



CLASSROOM INTELLIGENCE

Adaptive instructional support that understands learning in real time.



TEACHER WORKFLOW ENGINE

Reduces operational burden so teachers have more time for what matters most.



PERSONALIZED STUDENT SUPPORT

Individualized learning pathways that help every student move forward.



Students **learn**
by doing, asking,
exploring, building.



Teachers **guide**,
connect, and support
with more bandwidth.



Technology **adapts**
quietly in the
background.



Great **teaching**
reaches every
learner.



Teaching Labs transforms instructional expertise
into **scalable learning infrastructure**.



Built Around Real Classrooms

Technology that adapts to how teachers teach and how students learn.

The screenshot shows the Teaching Labs interface for a teacher named Benjamin Taylor. The left sidebar contains navigation links: Dashboard, My Classes, Students (selected), Library, Students Twin, Student Chain, Message Board, CLASSES (Chemistry, Field Trips, Science, Math), Settings, Log out, and DS Dottie Stewart. The main content area is divided into sections: Profile Information (Space Theme - Jan 20, 2026), Baseline Assessment (Reading, Math, Logic all Advanced), Conversations (1:1 total chats), Classes (Enrolled in Edition, Chemistry), Teacher Notes (Private running journal), and More Insights (Activity tracking, insights, AI-generated insights). A 'Conversations' window is open, showing a chat history with a student. The chat includes messages from the student and the AI tutor, with timestamps and a 'Recalibrate' button. A 'Close' button is at the bottom right of the chat window.



Understands the teacher

Learns how each teacher teaches.

Instruction aligned to real classroom practices.

Your Teaching Twin +

This is your personalized identity and assistant tailored profile.

Last updated: May 20, 2024

[Preview My Twin](#)

Teaching Twin updated



TWIN ARCHETYPE

Ms. Stewart's Teaching Twin

The Calm Mentor

Warm • Encouraging • Conversational

Your Twin learns from your teaching voice and preferences—mirroring your go-to approach and the balance that gets results.

CORE TEACHING VALUES

Top Priorities

- Help struggling students catch up
- Give instant feedback on student work
- Motivate students who lack confidence

[Edit View Details](#)



Supports students naturally

Students learn through conversation and eartleely.

Writing, projects, questions, feedback, and support.

The screenshot shows a grid of icons representing various activities and subjects. The icons are arranged in a 4x4 grid. The first row includes Settings, Items, Music, Draw, Attend, and Teams. The second row includes Science, Coding, Reading, Notes, Study Helper, and More. The third row includes Math, History, Drawing, Folders, Cars, and Crafting. The fourth row includes a question mark icon, a question mark icon, a question mark icon, a question mark icon, a question mark icon, and a question mark icon.

The screenshot shows a 'STUDENT' section with a question and answer. The question is 'Good question. What pattern do you notice in this example?' and the answer is 'Can you ask me on the before I submit?'. The section also includes a 'STUDENT' section with a question and answer: 'Know clues. Which option can you rule out and why?'. The section also includes a 'STUDENT' section with a question and answer: 'What can you (and I) do anytime as you like? This helps me more eartleely find more like YOU!'.



Gives teachers visibility

Real-time classroom insight.

Support signals, engagement patterns, and intervention opportunities.

Ms. Stewart's Teacher Dashboard

Here's how your students are doing today.

Class: All Classes Students: All Students Apr 21, 2024 - Apr 27, 2024 Clear Filters

CLASS OVERVIEW

35

Students Enrolled

33

Active This Week

1.6%

0

Needs Attention

10

At-Risk Students

ACTIVITY TODAY

24

Chat Today

21

Chat Sessions



24

Total

Assignment / Project

ACTIVITY RADAR

1000

Range Checks

174

Chat Sessions





TEACHINGLABS

AI Teaching Twin + Adaptive Student Engagement.

Teachers guide instructional intent. Students receive individualized AI-supported engagement. Teachers stay in the loop.

**Erich**

The Maestro

Gravity Project

Science • **Build**

AI Tutor

Gravity is a great topic, Erich! Since you love to build, why don't we design a gravity-powered machine?

Think about how gravity pulls things down—could you build a marble run, a parachute, or a ramp system? What kind of materials do you have around, like cardboard, LEGO, or string, that you could use to start building?

Oh – I think a parachute sounds interesting! Where should I start?

AI Tutor

A parachute is a perfect way to test gravity and air resistance! To start, you need to think about what will slow the fall down.

What materials do you have handy, like plastic bags, paper, string, or tape, that you could use to create the "canopy" part of the parachute?

Listen



Ask a question...

**Student Experience A**

- ✓ Hands-on, exploratory framing
- ✓ Open-ended, creative prompts
- ✓ Builder mindset support

**Teacher Visibility Layer**

Monitor conversations, track engagement, and support students.

**Student Chats**

Monitor conversations, track engagement, and get AI-powered insights

Filter by Student

Search students...

SCOPED TO Science

2 chats

View all classes →

CHAT TOPICS

KG

Kyla Graham

General Chat

4 messages • May 27

ES

Erich Squire

General Chat

4 messages • May 27

AI SUMMARY

View Full Chat →

ES

Erich Squire

Science • General Chat

CONVERSATION SUMMARY

The student is interested in exploring gravity through a hands-on building project but is currently struggling to initiate the design process. While the student shows enthusiasm, they require further guidance to bridge the gap between conceptual understanding and practical application. I recommend providing the student with a structured prompt or a simple example to help them select a project and identify the necessary materials.

4

Messages

2

Student Msgs

May 27

Last Active

**Kyla**

The Architect

Gravity Project

Science • **Explore**

AI Tutor

Gravity is the invisible force that pulls everything toward the center of the Earth! It's the reason why, when you jump up, you always come right back down instead of floating away into space.

Since you're an architect, think of gravity like a giant, invisible magnet inside the Earth pulling on everything. If you were going to build a "Gravity Project," what materials do you think you could use to show how things fall or stay put?

Listen

Oh, I love magnets, can you make this for me.

AI Tutor

I can't build the project for you, but I can definitely help you design it! Building it yourself is the best way to see how gravity works.

What materials do you have around your house or classroom, like cardboard, LEGOs, or string, that we could use to build a structure?

Listen



Ask a question...

**Student Experience B**

- ✓ Conceptual, imaginative framing
- ✓ Visual & relational explanations
- ✓ Architect mindset support



One teacher. **Personalized engagement** for every student.



Teacher in the loop.
Always.



Different students.
Different needs.



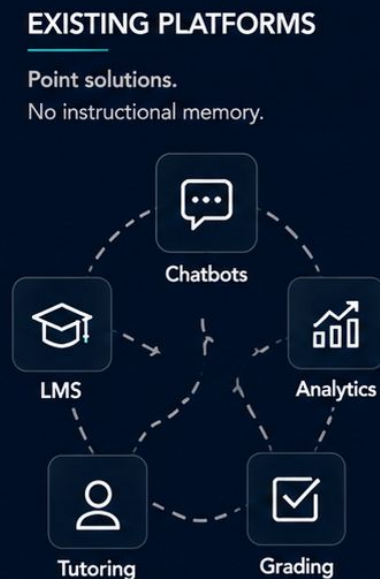
Better engagement.
Stronger outcomes.

Existing platforms generate answers. Teaching Labs orchestrates learning.

EXISTING PLATFORMS

Point solutions.

No instructional memory.



Integrated system.
Instructional memory.



CLASSROOM MEMORY

Remembers learning patterns, interventions, progress, and instructional history.



INSTRUCTIONAL CONTEXT

Understands curriculum, pacing, goals, and the unique dynamics of each classroom.



ADAPTIVE ORCHESTRATION

Coordinates the right support, at the right time, for the right student — automatically.



SCALABLE DIFFERENTIATION

Personalized learning for every student without multiplying teacher workload.



**We are not building another chatbot.
We are building instructional infrastructure.**

Business Model Hypothesis:

Teacher Adoption → School Expansion → District Scale



1. Teacher Entry

Individual teachers adopt the Teaching Twin.

Teachers begin using adaptive AI-supported classroom workflows to:

- ✓ Personalize instruction
- ✓ Support differentiated learning
- ✓ Guide student engagement
- ✓ Reduce repetitive workload



Initial classroom usage helps validate:

- Workflow value
- Engagement patterns
- Sustainable AI usage costs
- Model selection for different tasks



2. School Expansion

Schools adopt visibility, workflows, and instructional coordination.

As usage expands, schools gain:

- ✓ Classroom visibility
- ✓ Instructional workflows
- ✓ Shared resources
- ✓ Implementation support
- ✓ Teacher coordination tools



Early school adoption helps validate:

- Permissions and oversight
- Operational readiness
- Support structures
- School-level instructional value



3. District Scale

Districts adopt integrations, analytics, privacy, and implementation infrastructure.

District-level deployment introduces:

- ✓ Rostering and SIS integrations
- ✓ Analytics and reporting
- ✓ Privacy and compliance frameworks
- ✓ Implementation support
- ✓ Scalable AI infrastructure management



Long-term sustainability depends on balancing:

- Educational outcomes
- Responsible AI deployment
- Safety and oversight
- Infrastructure and token economics



Teachers

reveal the need.



Schools

fund the workflow.



Districts

scale the infrastructure.

Where We Are Today

Strong signals before released version.



Learning Goals

- ✓ Think critically
- ✓ Ask questions
- ✓ Make connections
- ✓ Solve problems
- ✓ Reflect + grow



2,500+
Teachers

Engaged through pilots, demos, early product conversations, or expressed interest in the platform.



Early Teacher Validation

Educators are actively engaging with the concept and helping shape the product direction.



District Pilot Conversations

Early discussions underway with districts exploring pilot opportunities.



Advance Kentucky Conversations

Exploring opportunities to integrate Teaching Labs into existing educational programs.



Working Prototype

Core Teacher Visibility and adaptive engagement workflows are operational today.



Where We Are Today



Stage

Formation-stage / early product development



Founder-Market Fit

Deep K-12 experience and trusted educator network



Problem Validation

Teacher workload and differentiation pain are clear



Product Thesis

AI Teaching Twin + classroom intelligence layer



Current Focus

Build v1, test with teachers, prepare for pilots



Strong signals before released version.

Educator interest, pilot conversations, and partner engagement validate the need and our direction.



We are early by design —

focused on proving the right first product before scaling.

What the first founding investment unlocks

I'm starting early investor conversations and looking for founding angels who understand education, AI, and the teacher workload problem.

1



Build the first usable product experience

Launch the first operational Teaching Labs classroom experience.

2



Test with teachers and instructional leaders

Work directly with educators and instructional leaders to refine workflows.

3



Validate the AI Teaching Twin workflow

Prove adaptive teacher-guided student engagement in real classrooms.

4



Establish privacy, safety, and school-readiness foundations

Build privacy, safety, permissions, and responsible AI infrastructure.

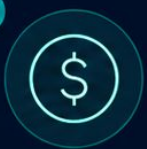
5



Convert educator interest into structured pilot opportunities

Turn strong educator engagement into meaningful district pilot opportunities.

6



Define the first commercial pricing path

Validate the first pricing model and school adoption pathway.



**This is the capital that moves
Teaching Labs from vision to validated product.**

The next 12 months:



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The Next 12 Months Milestones



1

Build v1 AI Teaching Twin workflow



2

Run structured teacher testing cycles



3

Validate strongest classroom use cases



4

Establish privacy/compliance readiness for pilots



5

Launch first school or instructional-team pilots



6

Convert pilot learning into repeatable pricing



Teachers reveal the need.



Schools find the workflow.



Districts scale the infrastructure.

The Long-Term Vision

Building the intelligence layer for the future of **teaching** and **learning**.

Human expertise. **AI amplification**.
Limitless impact.



Scalable Personalized Learning

Every student receives instruction designed for their needs, strengths, and goals.

Personalized Path

Reading Comprehension **On Track**
Writing **In Progress**
Math Foundations **Strengthening**



Institutional Teaching Intelligence

Schools and districts build a lasting memory of effective instruction, insights, and impact.



Instructional Insights



Mastery Growth	Interventions	Students Supported	Lessons Created
+24%	126	1,248	532

Top Instructional Strategies

Explicit Vocabulary		82%
Interactive Modeling		76%
Questioning Techniques		71%



AI-Supported Classrooms, Globally

Great teaching is no longer limited by geography, resources, or scale.



Preserving Great Teaching at Scale

We capture, amplify, and share the best of human teaching for generations to come.



Teacher Twin

Instructional Voice	Matched
Teaching Strategies	Aligned
Classroom Approach	Mirrored
Impact Multiplied	∞



Every great teacher should be able to impact **more students** than time alone allows.



More impact
per teacher



More equity
for every learner



Stronger outcomes
at scale



A better future
for every classroom



The Future of Education *Still Needs Teachers.*

Teaching Labs helps them
reach every student.



Every student deserves a
teacher who never runs out of time.



Let's **make this** happen.