

EMPOWER
EDUCATION
ONLINE

Classin

Empowering Teaching and Learning

Where Pedagogy Meets
Technology, Powered by AI

www.classin.com

Contents

01

About ClassIn

About ClassIn	01
---------------	----

02

Empowering Teaching & Learning

Driving Teaching Innovation & Digital Transformation Across Schools and Universities	03
AI in Classrooms	05
Teaching Without Boundaries	07

03

Where Pedagogy Meets Technology

ClassIn Platform	09
Multimodal AI Whiteboard	11
A Learning Ecosystem Where People, Knowledge and AI Co-evolve	12

04

Powered by AI

AI-Enabled Teaching and Learning Across the Learning Journey	13
AI Features	15
AI Sketch Board	17
Live Translation for Multilingual Learning Environments	18
AI Lesson Analysis	19
AgentIn – Everywhere	21
AI Agents for Teaching, Research and Campus Operations	22
AI Teaching Assistant Synergy	23
AI Voice Activation	24

05

From Vision to Practice

AI Virtual Lab System	25
Building a Learner-Centered Education Ecosystem	26
A Global Teaching Platform Connecting the World	27
Classroom Implementations	29

About ClassIn

Founded in 2014, ClassIn is a global provider of integrated digital learning platforms and smart classroom solutions. Combining cloud communication, scalable storage, collaborative technologies and proprietary hardware, ClassIn delivers end-to-end learning environments for online, hybrid and in-person education.

150+

Countries & Regions

60,000+

Schools, Universities & Enterprise Partners

16

Languages Supported

30,000+

Smart Classrooms

50M+

Active Teachers & Students

Trusted Partners



Driving Teaching Innovation & Digital Transformation Across Schools and Universities



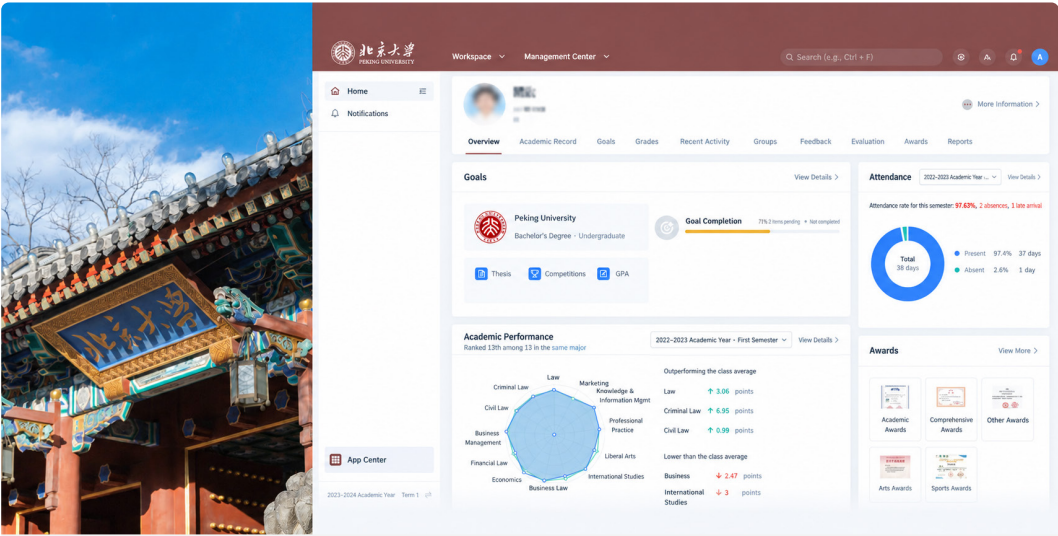
Teacher Development Solution

High-quality teaching depends on well-supported educators with access to strong professional learning and shared resources. By sharing expertise and resources across institutions, higher education can help strengthen teaching practice and support the wider education community.



School Management Solution

Schools need technology that supports not only teaching, lesson preparation and teacher development, but also day-to-day administration. The Xiyue Campus Management System helps connect teaching and school management.



Smart Classroom Solution

A flexible learning space designed to support interactive teaching, shared participation, remote connectivity and AI-enabled classroom analytics.



Future-Ready Curriculum Development Solution

Supports curriculum design that develops core competencies, incorporates emerging technologies and enables interdisciplinary learning for evolving workforce needs.

AI in Classrooms

Learning is shaped by how learners interact with content, people and their environment. Well-designed learning spaces and technologies can support participation, collaboration and deeper understanding.

Hybrid Learning

Integrated systems support consistent transitions between in-person and online participation.

Interactive Applications

Flexible displays and digital teaching tools support interaction, collaboration and active learning.

Teaching Innovation

Student-centred tools can streamline classroom workflows and support ongoing assessment and feedback for teachers and learners.

1 × AI Smart Teaching Ecosystem

The software layer of the classroom, supporting teaching tools, content, collaboration and classroom workflows.



1 × AI Array Microphone

The audio-capture layer, supporting hands-free voice pickup and classroom sound reinforcement.



2 × AI Smart Blackboards

The presentation and interaction layer, enabling teachers and learners to work with digital content.



2 × AI Cameras

The video-capture layer, supporting automated framing and lesson capture from multiple classroom views.

AI-enabled classroom ecosystem



Teaching Without Boundaries

Extending access to expertise, participation and knowledge

Smart Classroom

Teachers and students come together in one classroom, wherever they are. Multi-site connectivity removes geographical barriers, while a shared interactive board enables seamless participation across online and physical learning environments.

Digital Classroom

Enhances the smart-board teaching experience through one-click setup, a wide range of digital blackboard content, and comprehensive class recording that captures video, board writing and data in one place.

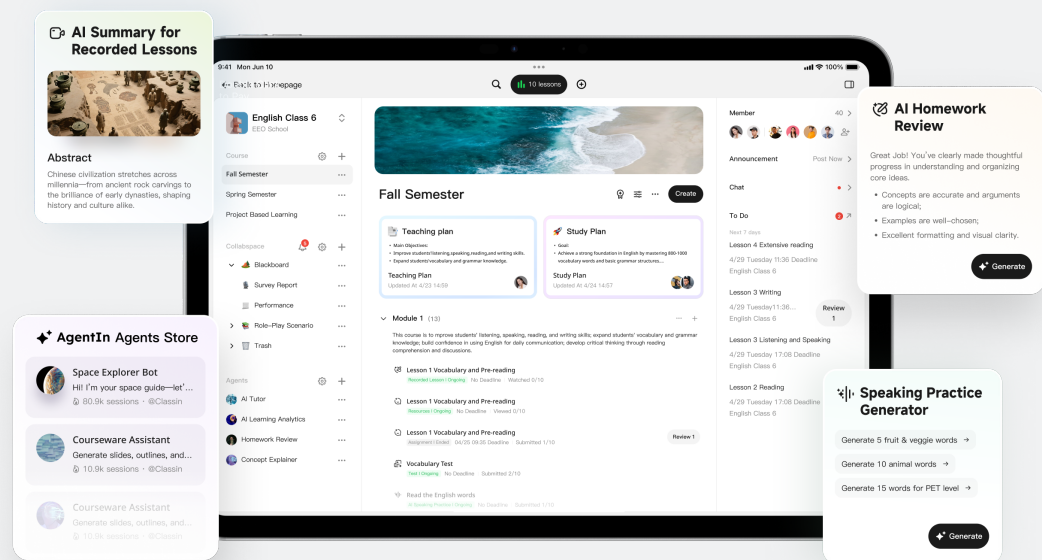
Online Classroom

Enables professional, interactive online teaching through live video, cloud storage accessible from anywhere, a wide range of learning resources and integrated teaching tools.



ClassIn Platform

An integrated platform connecting teaching, learning, testing, management, and evaluation



Audio & Video Interaction



Board-Writing Capture



Cloud Recording & Storage



In-Class Teaching Tools



Multi-User Text Collaboration



Teaching Data Analytics

Seamless Course Design and Delivery

Courses can be deployed directly to ClassIn classes with one click, creating integrated teaching and learning plans while generating process-based evaluation data. This supports the development of student competencies and provides data that can be used to refine course design within TeacherIn.

Multimodal AI Whiteboard

Brings together text, images, audio, video, handwriting and gesture-based interaction within a single teaching workspace, enabling instructors to present, annotate and develop learning content in a more dynamic and flexible way.



FEATURES

Flexible Digital Canvas

Supports up to 50 pages for continuous content development, annotation and in-class interaction. Content can be shared via QR code and saved in EDB format for reuse and further editing.

Cross-Device Access

Supports PCs, tablets and mobile devices, allowing instructors and students to access and interact with content across different devices.

Supports Different Teaching Workflows

Can be used for live teaching, collaborative activities, lesson review and the sharing of learning resources across a range of teaching and learning scenarios.

Multiple Content & Input Formats

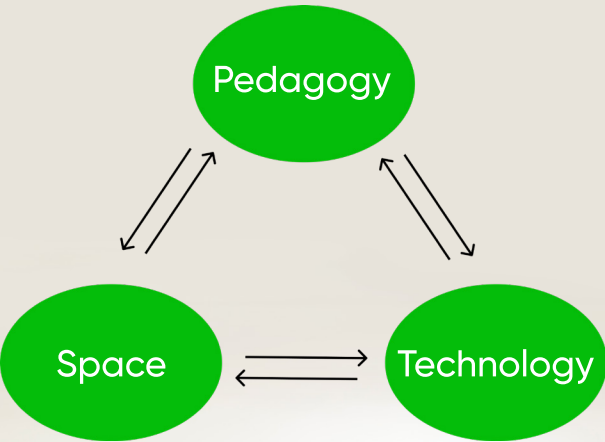
Supports in-class annotation, post-class review and resource sharing.

A Learning Ecosystem Connecting People, Knowledge and AI

Pedagogy-led, Technology-enabled

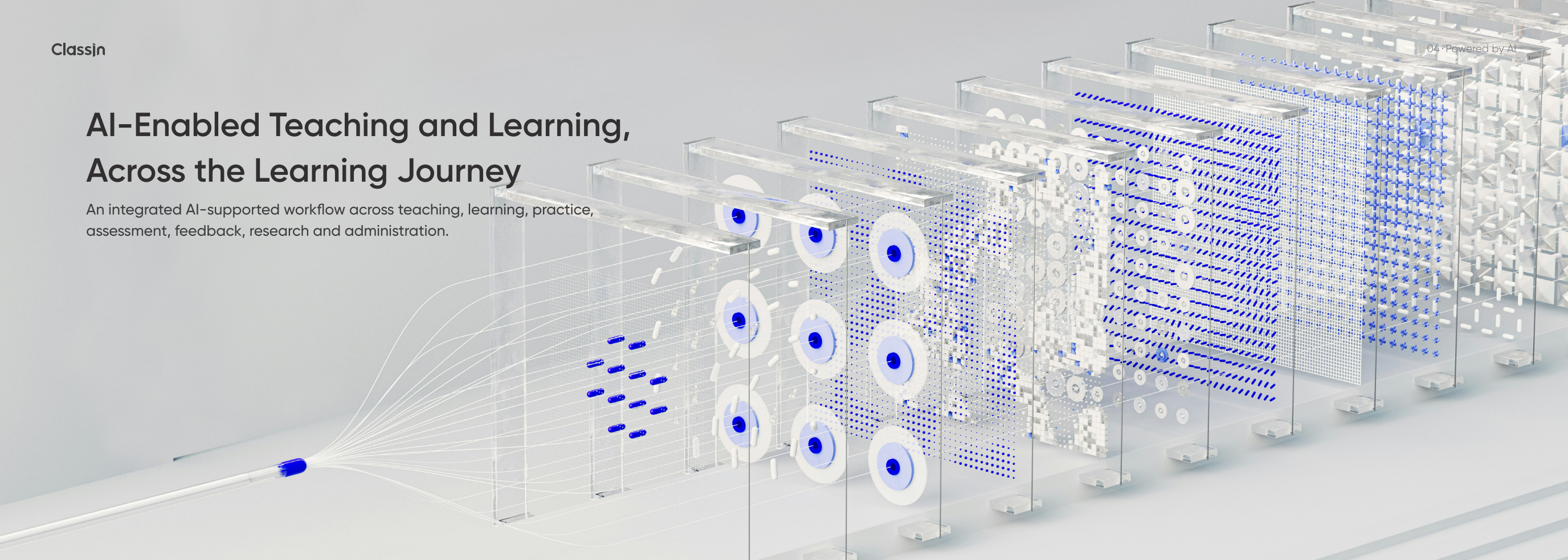
Research on future learning environments (Radcliffe, 2009; Hod, 2017) has highlighted that redesigning learning spaces does not, by itself, lead to meaningful improvements in learning. Many initiatives are driven primarily by technology or physical design, with significant investment in advanced equipment and visually impressive spaces, while giving less attention to pedagogy and the underlying learning design.

The effectiveness of a learning environment ultimately depends on how pedagogy, space and technology work together to support teaching and learning.



AI-Enabled Teaching and Learning, Across the Learning Journey

An integrated AI-supported workflow across teaching, learning, practice, assessment, feedback, research and administration.



AI Teaching Assistant

-  **Homework**
Grading integrates multiple AI agents, reducing teacher workload while providing students with high-quality, real-time feedback
-  **Assessment Creation**
With clear learning objectives, AI agents can quickly generate high-quality assessments for one-click publishing or printing.
-  **Oral Practice Cards**
AI agents can generate English-language practice prompts aligned with teaching objectives, supporting speaking practice and reducing lesson-preparation time.

-  **Answer Sheet Digitisation**
Quickly convert paper test sheets into digital format, with AI agents automatically identifying answers
-  **Lesson Planning**
AI agents support teacher-student collaboration, helping optimise teaching resources and improve the quality of content generation.

AI Teaching & Learning Companion

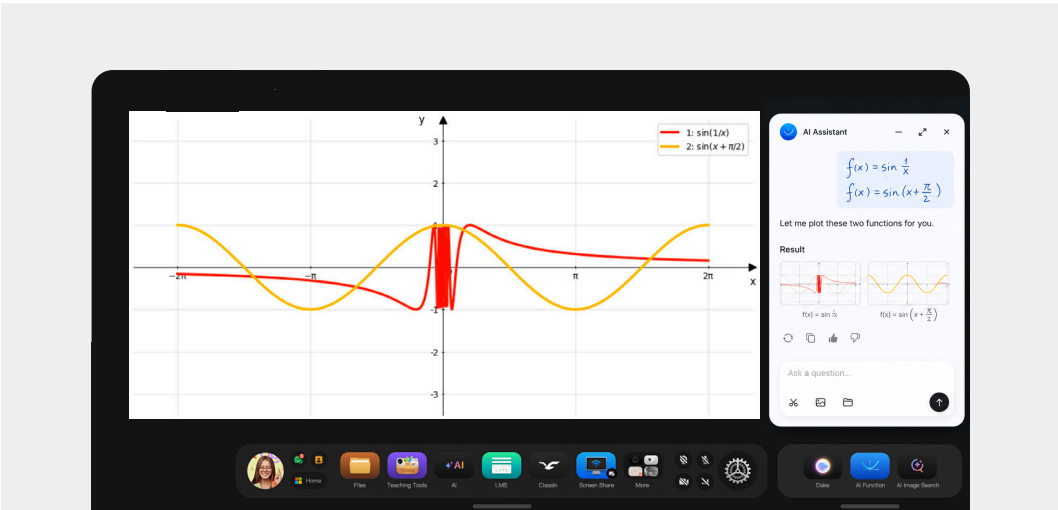
- AI Lecture Summaries** Automatically generates chapter markers and summaries for recorded playback, enabling students to quickly review and locate key points
- Teaching Assistant** Provides 24/7 personalised support, answering questions based on teacher-uploaded materials and directing students to relevant resources
- Learning Analytics** Tracks student progress to provide teachers with timely, comprehensive feedback to support decision-making

AI Agent Platform

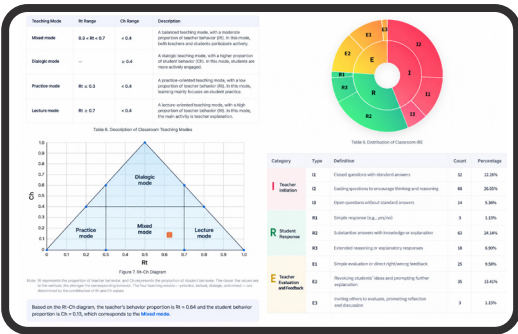
- Teacher AI Assistants** Nearly 100 teaching apps for instructional innovation and efficient management
- ClassIn Agents** ClassIn offers a curated collection of nearly 100 agents spanning diverse teaching scenarios
- AI Study Assistants** Subject-specific AI assistants providing personalised learning support and guided practice
- Third-Party Integration** The Agent Store integrates with third-party platforms and supports custom agents for personalised teaching needs

AI Features

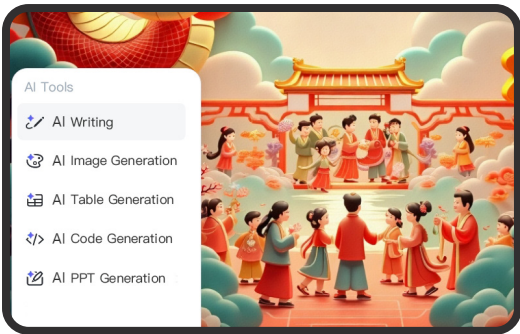
Supporting Educators



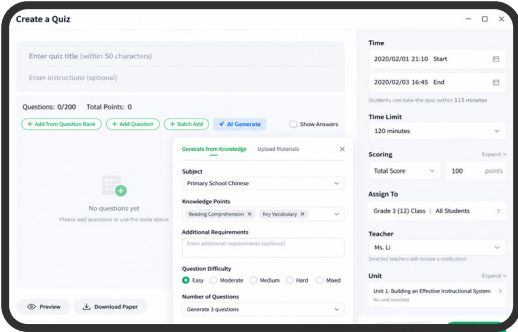
Function Graphing



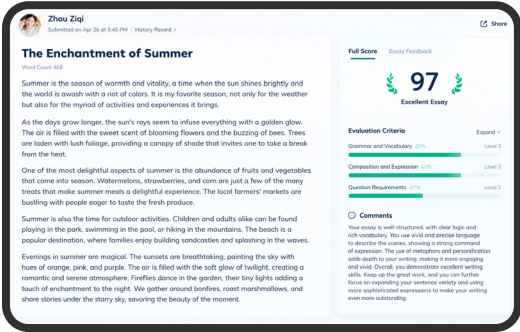
AI-Enabled Classroom Analytics



AI-Assisted Learning Content Creation

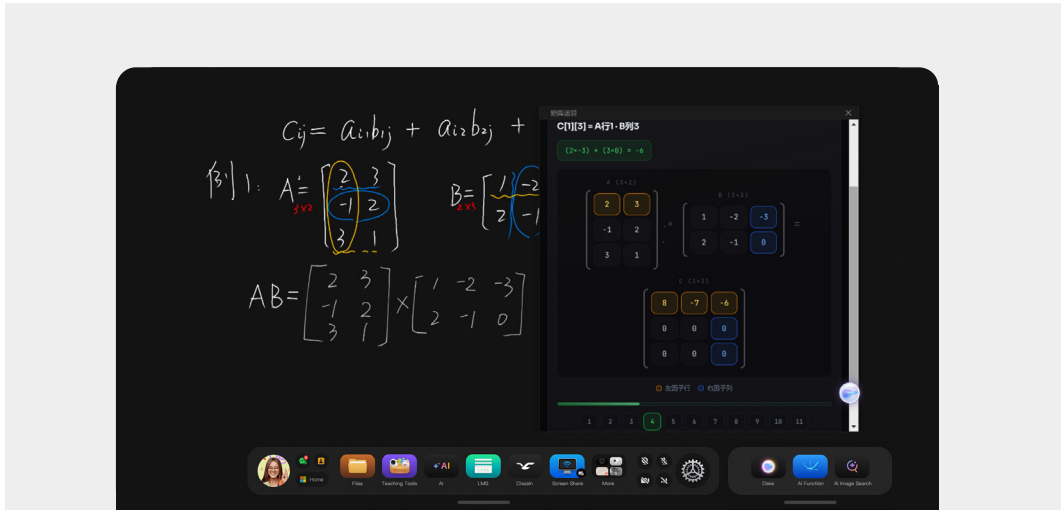


AI-Assisted Question Generation

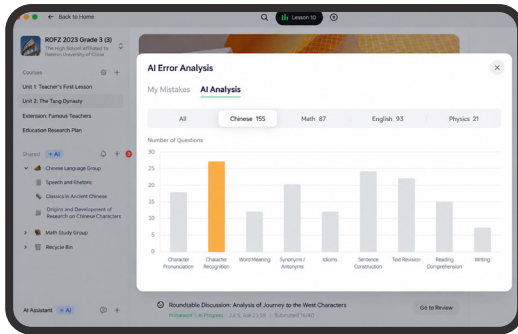


AI-Assisted Grading & Feedback

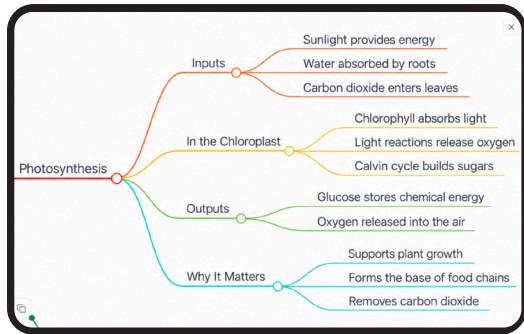
Supporting Student Learning



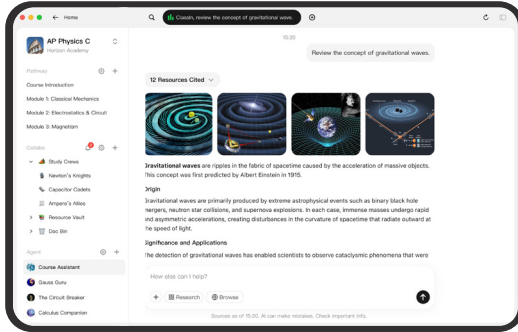
Matrix Operations



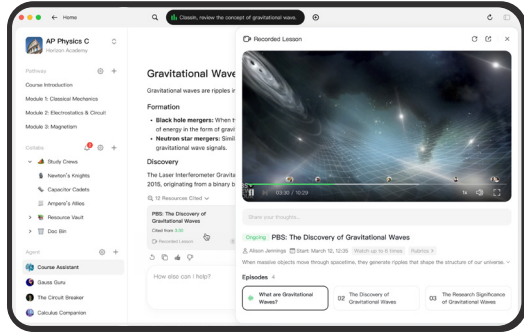
AI-Powered Error Review



Mind Map



AI Course Assistant



AI Course Assistant

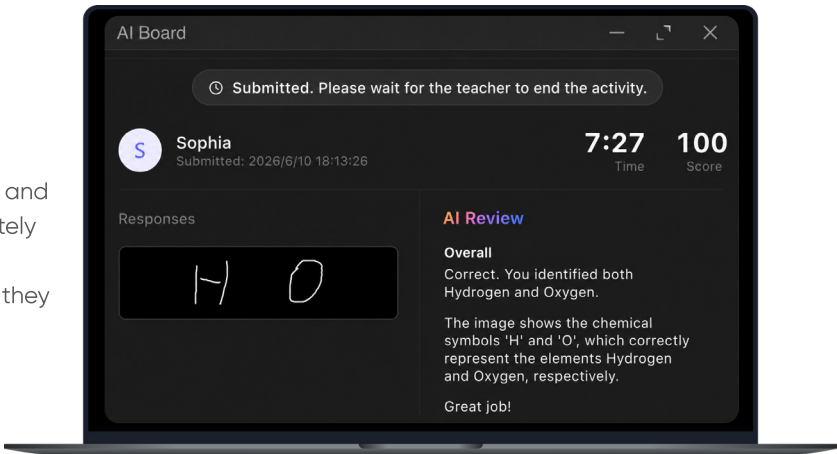
AI Sketch Board

Real-Time Practice, Instant Feedback and Class-Level Insights

The instructor sends an exercise to the whole class at once. As students submit their responses, AI evaluates each answer and provides instant feedback, while class-level results are consolidated in real time for the instructor.

Instant feedback for each student

AI evaluates each response and explains the result immediately after submission, helping students understand where they went wrong and why.



Real-time insights across the class

Class-level results are consolidated in real time, helping instructors identify common errors, compare response patterns and decide what to address next.



Live Translation for Multilingual Learning Environments

Live Translation converts the instructor's speech into translated on-screen subtitles in real time, helping students follow lessons delivered in a language other than their first language.

Minimal setup for instructors

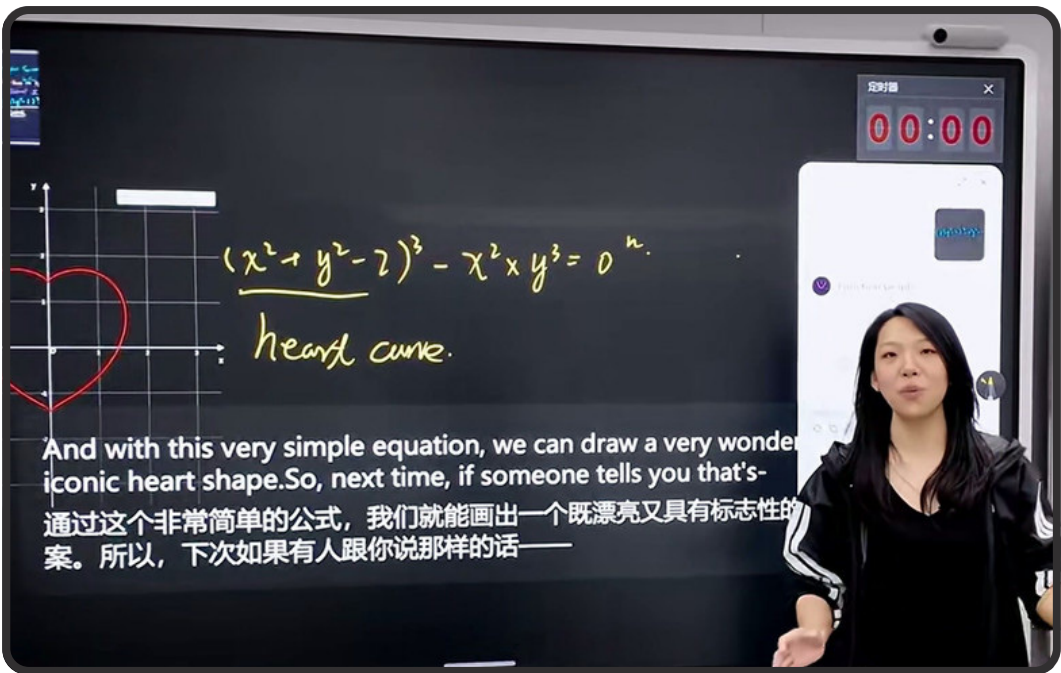
Classroom audio is captured through the ceiling microphone and processed automatically, with no additional interaction required during teaching.

Real-time translated subtitles

Translated subtitles appear on screen as the instructor speaks, allowing students to follow the lesson without interrupting the teaching flow.

Support for multilingual classrooms

Students can follow lesson content in supported languages, helping institutions accommodate increasingly diverse learner populations.

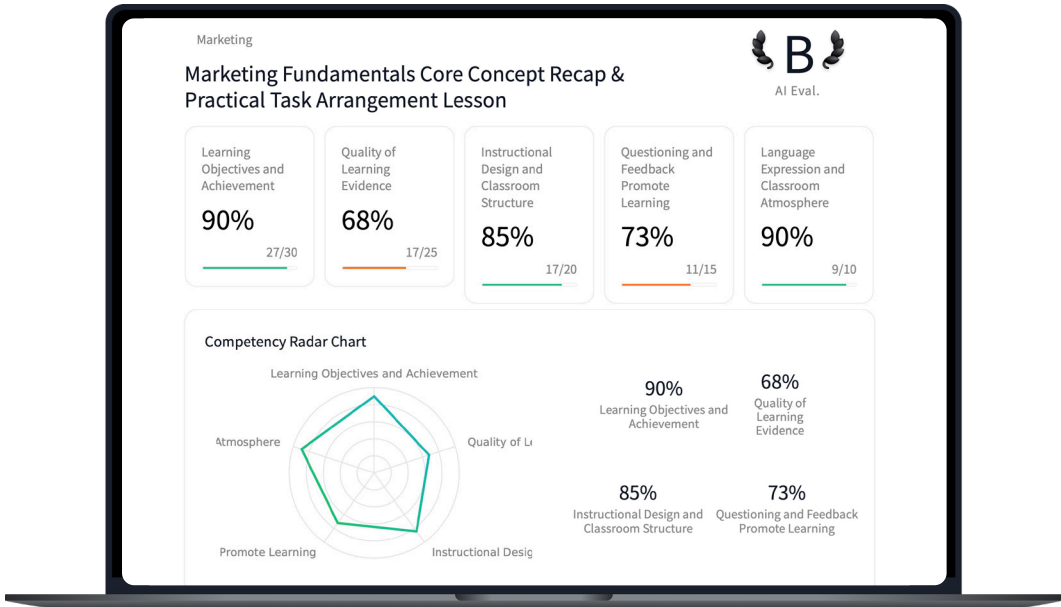


AI Lesson Analysis

Using the Initiation–Response–Evaluation (IRE) model, the system analyses classroom interactions from both teacher and student perspectives, including speaking patterns, response types, and instructional strategies. It then evaluates classroom effectiveness through multidimensional visualisations and provides detailed, actionable feedback to support continuous instructional improvement.



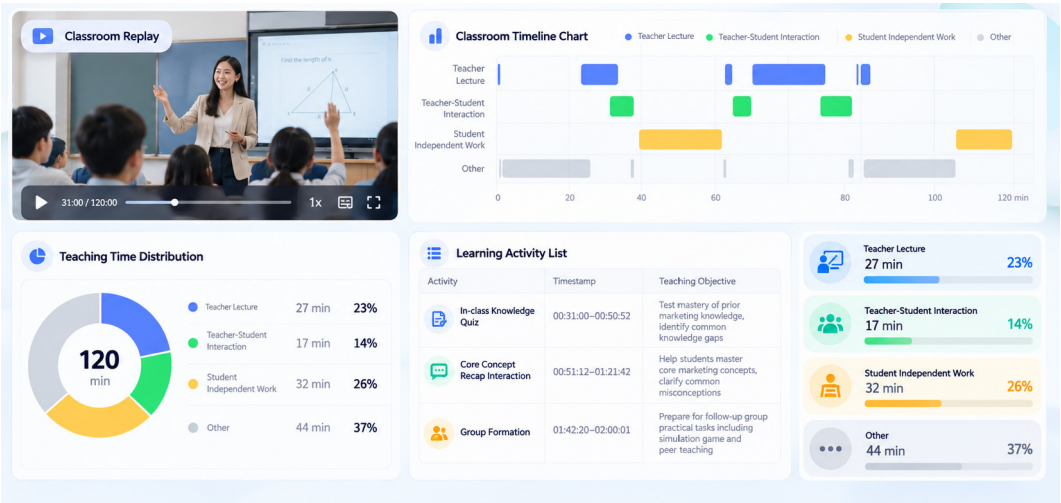
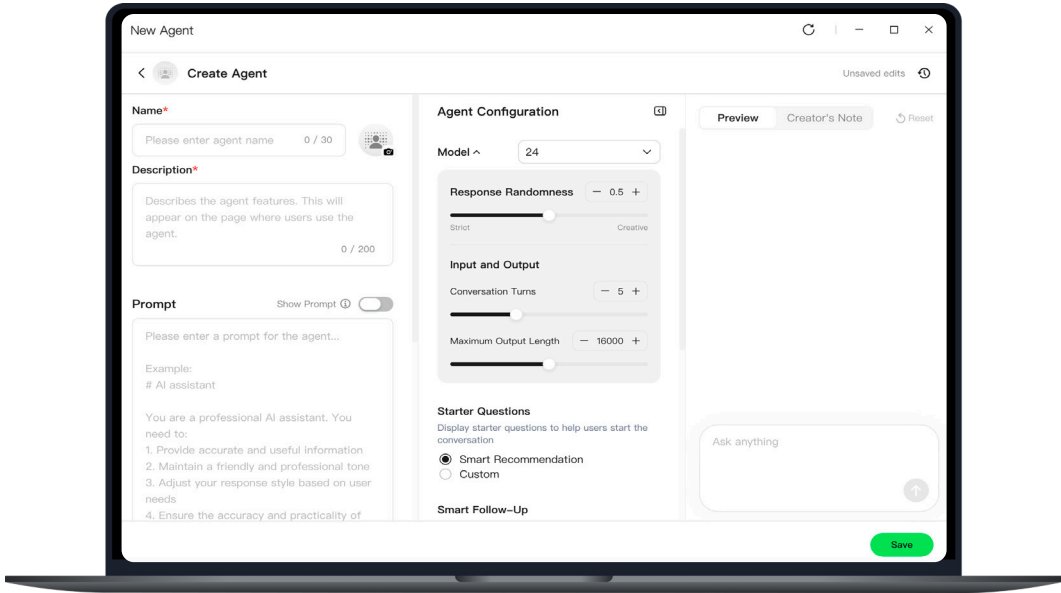
Turn Data into Insights
Identify strengths, risks and learning gaps with evidence-based AI analysis.



Customize AI to Your Institution
Build AI Agents around your school's own teaching standards, evaluation frameworks and priorities to deliver institution-specific analysis and feedback.

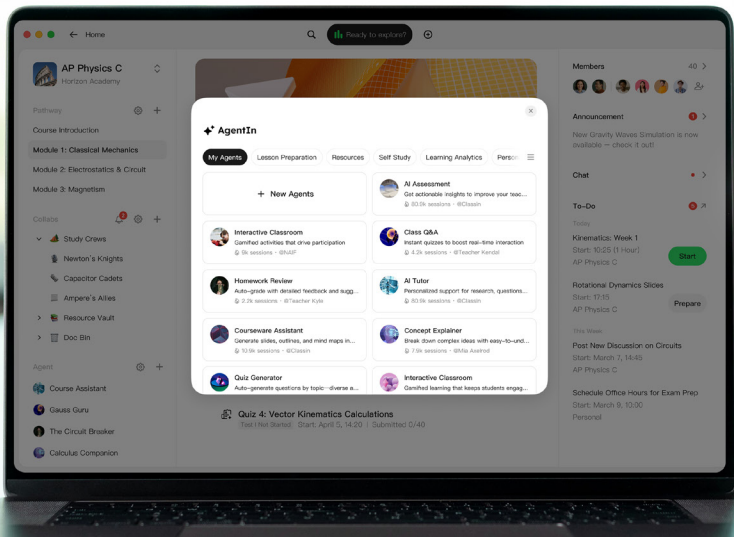
Make Teaching Visible

Understand how teaching and learning actually happen in every lesson.



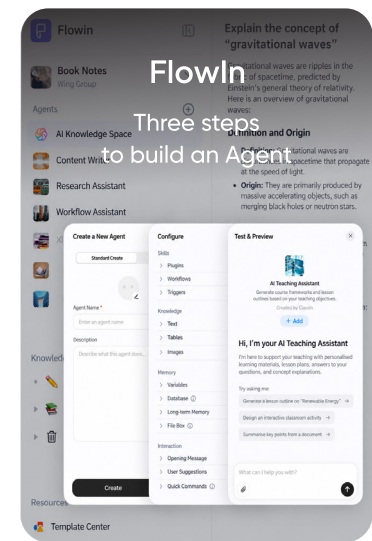
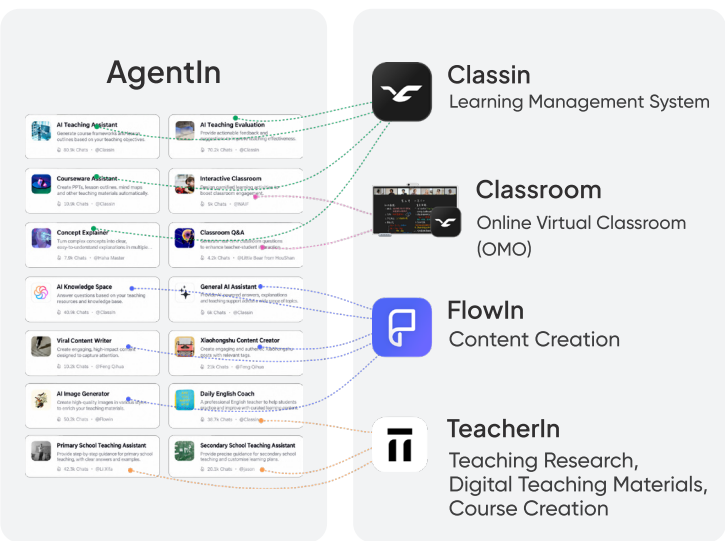
AgentIn – Everywhere

AI agents are creating new possibilities in education, from instructional support to personalised learning pathways. AgentIn enables institutions and educators to build, publish and use agents within teaching and learning workflows.



Build an Agent in 3 Steps and Publish It to the Agent Store

Agents in the store can then be added directly to supported teaching workflows.



AI Agents for Teaching, Research and Campus Operations

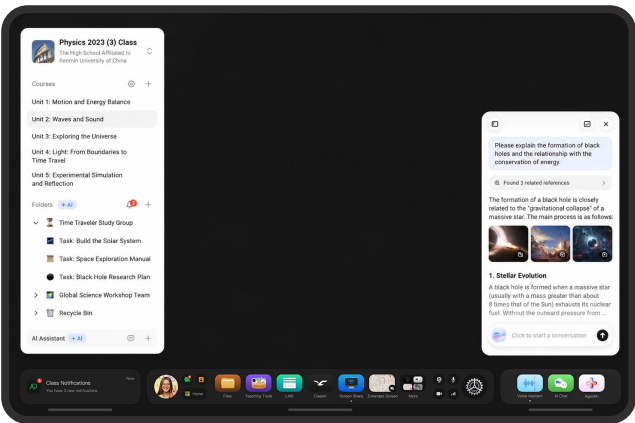
Purpose-built AI support for diverse university workflows

The platform brings together a range of AI agents designed for university use, while supporting the integration of compatible third-party agents and services.

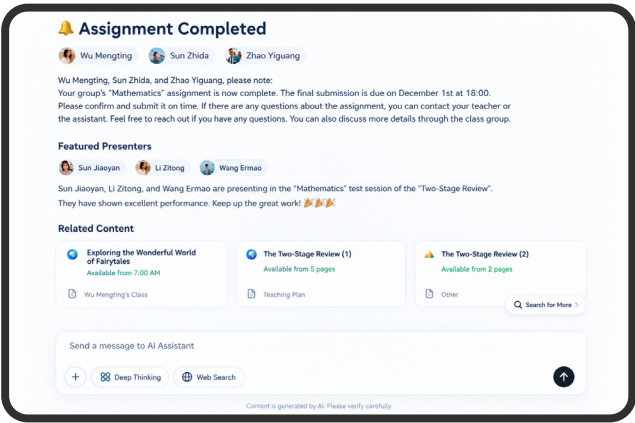
Institutions can also configure or develop agents for specific needs across teaching, learning, research and administration – enabling AI capabilities to be embedded into real-world academic and operational workflows.



AI Teaching Assistant Synergy



Content Co-Creation
Three-Way Teacher–Student–AI Collaboration
Teachers, students and AI teaching assistants work together to efficiently co-create course content and support teaching and learning



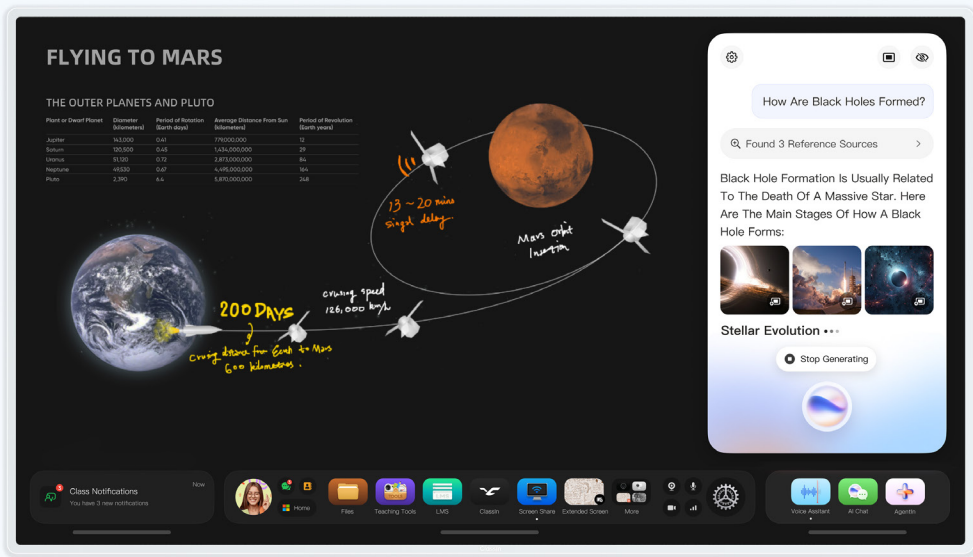
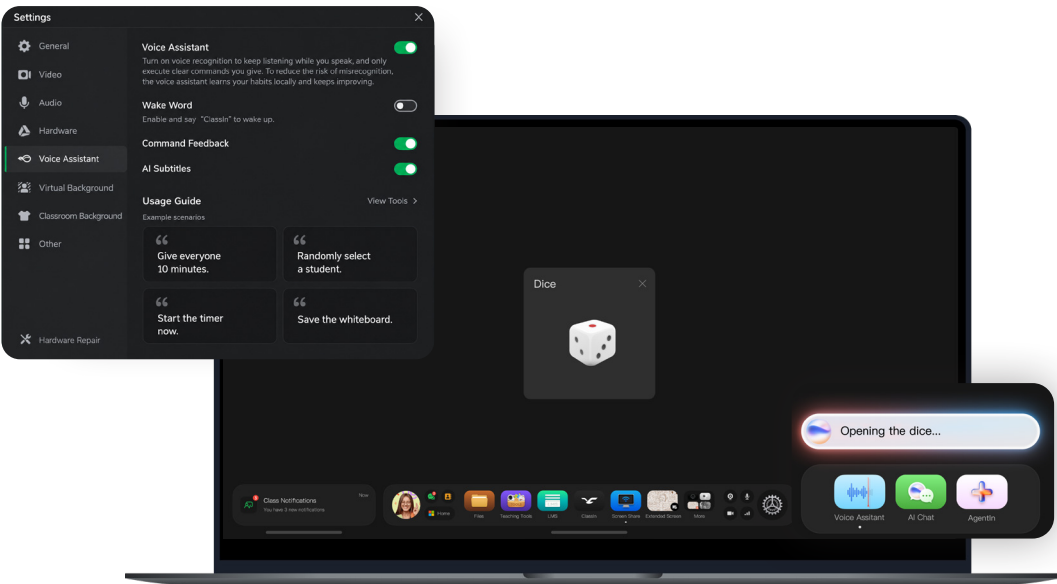
Course Assistant
Full Coverage Before, During, and After Class
Built on AI models and the course knowledge base, the AI course steward works with teachers to support instructional management while responding to student questions and feedback



Dynamic Mind Maps
Drawing on lectures and classroom discussions as they unfold, real-time mind maps are generated to help students organise key knowledge points and understand the connections between them

AI Voice Activation

Voice control and intent recognition enable users to access platform functions easily through voice commands, without the need for complex navigation or interaction



AI Virtual Lab System

1,000+
simulated instruments & equipment

2,300+
virtual experiments



Building a Learner-Centred Education Ecosystem

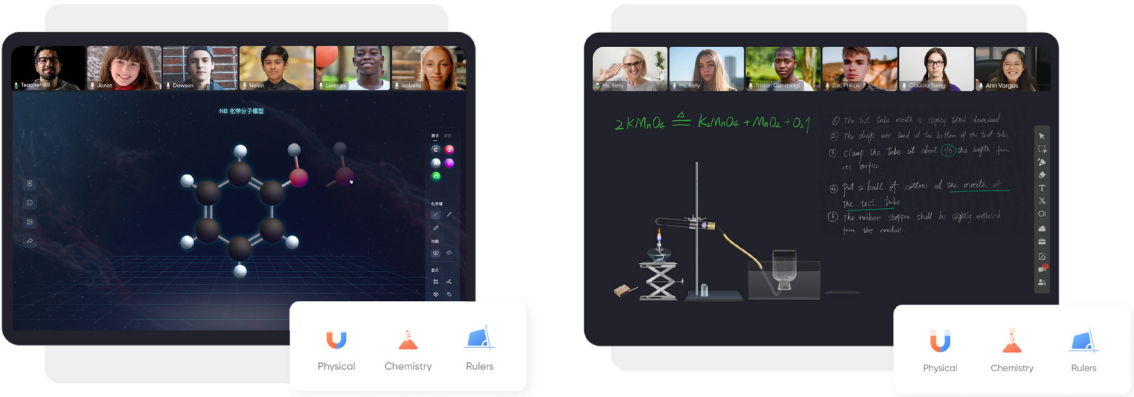
Bringing together university and industry expertise to develop skilled, practice-ready graduates for an AI-enabled economy

- Integrated Online Teaching

Renowned entrepreneurs from around the world interact and share their expertise online with students, providing practical, real-world learning experiences
- Hybrid Industry-Education Learning Hubs

Students combine online and offline learning to observe and understand how enterprises operate, developing practical, industry-ready capabilities
- Cross-Institution Industry-Education Course Selection

Universities form alliances across engineering, medicine, agriculture and the humanities, enabling students to select interdisciplinary courses online, with credits and outcomes mutually recognised based on learning data and examination results



Laboratory teaching practice for pre-service teachers

Pre-service teachers can design teaching cases, practise laboratory instruction and develop facilitation skills in a simulated environment.

Self-Directed Experiment Exploration & Verification

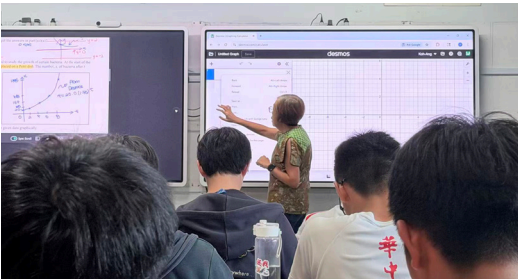
Learners can repeat simulations, adjust parameters and test outcomes without consuming physical laboratory materials.

A Global Teaching Platform Connecting the World

Higher education increasingly depends on teaching and learning that can take place anytime, anywhere. Supporting this requires robust global network infrastructure. ClassIn operates a globally distributed server network with CDN acceleration and network latency of under 300 ms, supporting reliable teaching and learning across locations. From institutions expanding their educational programmes internationally to overseas experts teaching students and educators remotely, global education requires a platform that extends beyond individual regions. ClassIn supports 16 languages worldwide and is continuously updated, enabling teachers and students across the globe to participate in the same classroom. Its services now reach users in more than 150 countries, making ClassIn a trusted educational platform worldwide.



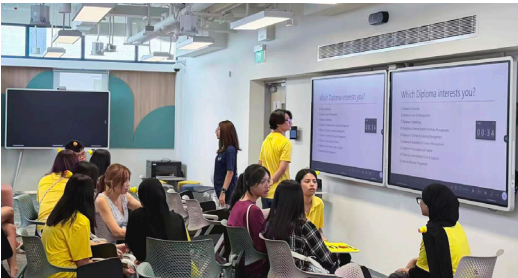
Classroom Implementations



Hwa Chong Institution



EtonHouse



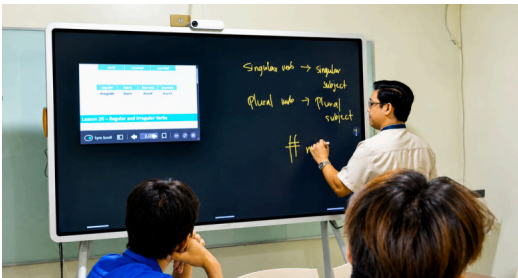
Temasek Polytechnic



Institute of Technical Education



I Can Read



BBSI



Hanoi University of Industry



Trinity International College

National University of Singapore



Ridge View



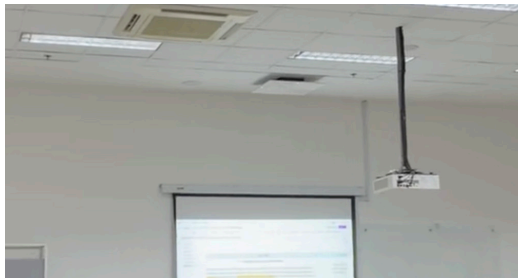
Valor House



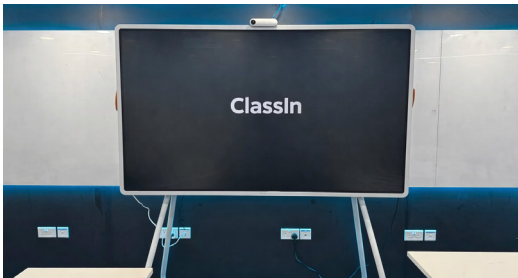
Tembusu College



OHR-University Hall



PGPR



Acacia College



CTLT



CTLT

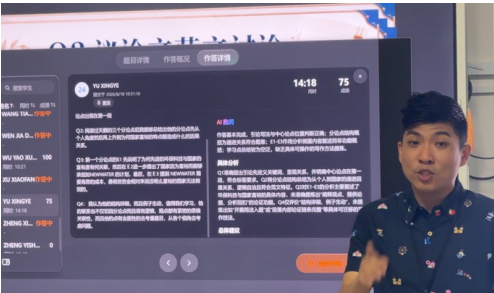
Classroom Implementations

Hwa Chong Institution

Designing the Classroom for Participation, Visibility and Peer Learning



Compare Student Thinking with the Source
ClassIn's dual-display setup lets Mr Bok place student responses alongside the reading passage, making it easier to connect feedback directly to the text and discuss what makes an answer convincing.



Turn Individual Feedback into a Teaching Moment
ClassIn's AI Review identified that a student had summarised the passage without explaining the purpose of each paragraph. Mr Bok can use that feedback to show the class how the writer develops an argument.



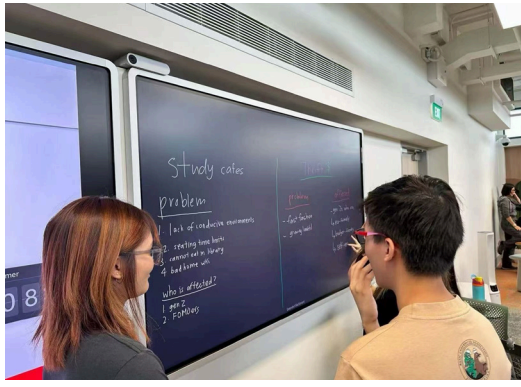
Surface Different Approaches with Live Polls
Ms Yeh uses a live poll to see how students would approach an essay question. Different responses become a starting point for comparison and class discussion.

Temasek Polytechnic

Turn Group Work into Shared Learning



AI Classroom Design
AI Classroom is designed as a flexible, pedagogy-first learning space that makes student thinking visible, enables seamless collaboration, and helps teachers respond to learning in real time.



Bring Group Thinking to the Whole Class
Students present their ideas through ClassIn's displays, allowing classmates to follow the same material, respond to specific points and continue the discussion together.



Branch Office Locations

Singapore

6 Raffles Quay #14-06, Singapore
048580

Ho Chi Minh City

12A Floor, 107-109-111 Nguyen Dinh
Chieu Street, Xuan Hoa Ward, Ho Chi
Minh City, Vietnam

Seoul

Room 806, 233-1 Mokdongdong-ro,
Yangcheon-gu, Seoul, Republic of Korea

Tokyo

8F, Coretas Takadanobaba, 2-8-2
Takadanobaba, Shinjuku-ku, Tokyo,
Japan

Manila

3F, Colours Town Center, Marcos
Alvarez Avenue, Las Piñas City 1747,
Philippines

Beijing

Suitong Building, No. 2 Haidian Avenue,
Haidian District, Beijing, China

Shenzhen

Rooms 601 & 609, Tower A, Skyworth
Building, Yuehai Street, Nanshan
District, Shenzhen, China

Guangzhou

Room 302, TCL Building, No. 18
Haizhou Road, Haizhu District,
Guangzhou, China

Shanghai

Room 904, Building 2, Ruihong Corporate
Avenue, No. 118 Feihong Road, Hongkou
District, Shanghai, China