

Project Albus Impact Thailand



May 2025

AI Enabled Classrooms in Thailand

What Changes When You Go Beyond Digital?



Pilot Context and Goals

The AI pilot was implemented at **Phattharaborphit School in BuriRam Province, Thailand** with the participation of **26 teachers and 78 secondary students across Grades 10–11**.

This pilot introduced **Google Gemini** and the **Read Along app** to explore how AI could:

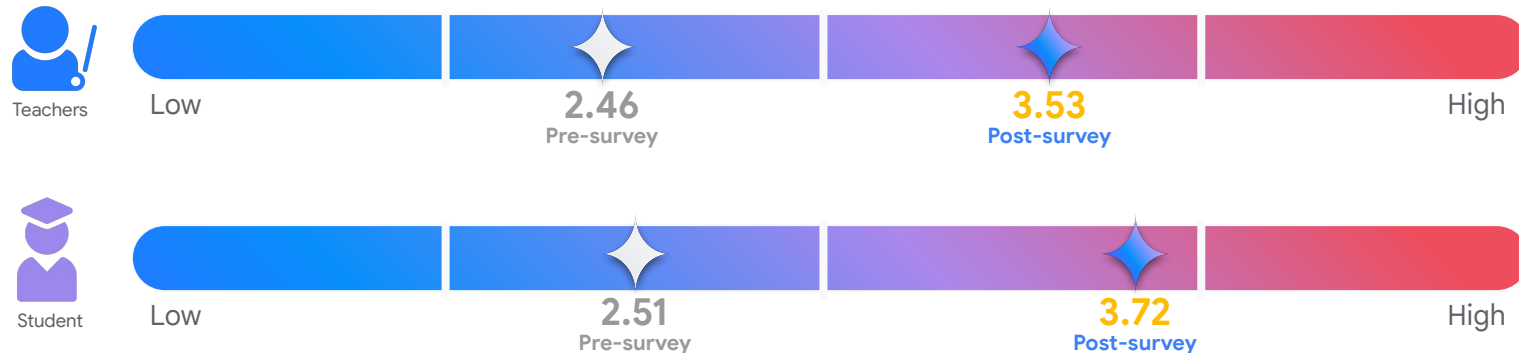
- Impact teacher **productivity** and time use
- Support **diverse learners**
- Boost student **enjoyment of learning**
- Enhance **inclusion**




An early breakthrough

This first AI-integrated pilot showcases an encouraging shift in adoption—both teachers and students are beginning to bring AI tools like Gemini into their daily classroom routines, with students taking the lead.

◆ Gemini Usage



These early adoption signals to something bigger, a shift in how classrooms could function. The following slides unpack what that looks like for teachers and students



For Teachers
AI unlocked **agency**,
empowering them to
plan better, teach
flexibly, & optimize time.

1

+5 hours of teacher time
saved per week

2

Improved planning, creativity, &
tailoring of content

3

Unlocked empowerment beyond
productivity



Teachers saved 2X as much time with AI than with digital tools alone

With AI in the mix, **46% of teachers saved more than 5 hours per week¹**, significantly more than in previous digital-only pilots.

Digital (Only) Albus Pilot



~2.5 hours per week²
Of time saved on average by teachers

V/S

Digital + AI Albus Pilot



+5 hours per week¹
Of time saved on average by teachers

Time savings in both scenarios were concentrated in operational and support functions, rather than core instruction

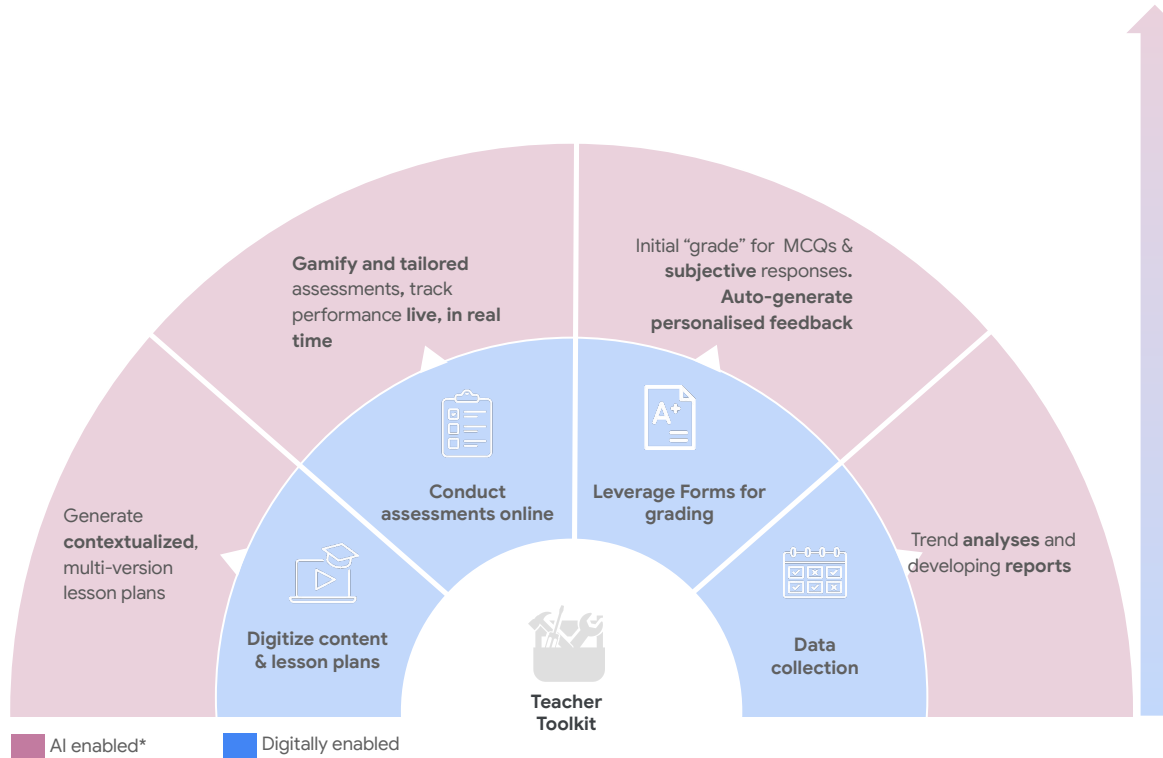
Breakdown of teacher time spent per week, by activity (Hrs.)



- Consistent with earlier digital pilots, a portion of **time saved was reallocated towards core teaching tasks**
- Maximum time savings were concentrated across: **parent/guardian communication, extracurricular activities, and student counselling**
- **A few ambiguities* remain**, highlighting the need for deeper exploration in future AI-integrated pilots



AI enhanced teacher's productivity and support for students



Personalize Instructions

“Teachers are better able to adapt to technology to create lesson content..”

Teacher, Phattharaborphit School, Thailand

Teach More Creatively

Before the experiment, learning was usually just listening and taking notes in a notebook. But during the experiment, teachers often used applications to teach, such as quiz games, which made learning more fun.

Student Observation, Phattharaborphit School, Thailand

Plan Better

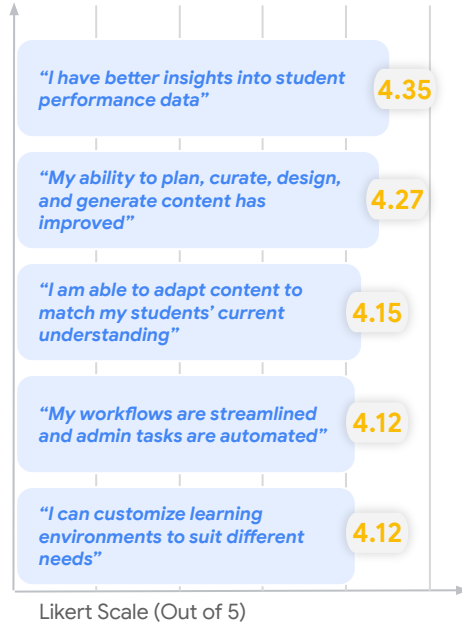
There is a management system between Chromebook that is easy to use, convenient, fast to meet the needs of searching, working, [and] planning the use... integrating AI to search and practice analytical thinking.

Teacher, Phattharaborphit School, Thailand



Early insights show that AI + Digital are reshaping the teaching experience, unlocking both efficiency and empowerment

Early quantitative and qualitative insights...



"[I am] able to plan and work on days when teachers have other responsibilities. It's **easier to manage my time** now."

Teacher, Phattharaborphit School, Thailand



"[I am] able to **create and design** teaching content more **easily**."

Teacher, Phattharaborphit School, Thailand

...hints towards a positive shift in teachers' experiences



Reduced cognitive load



Enhanced classroom management



Deeper student insight




Empowered multitaskers



Instructional designers, not content deliverers

These are early inferences and may evolve as AI is integrated further into teaching workflows



For Students
Classrooms *felt*
different—with AI,
students found *joy*,
voice, and ownership in
their learning

1

7X increase in reported
enjoyment

2

Unlocked learning autonomy and
ownership

3

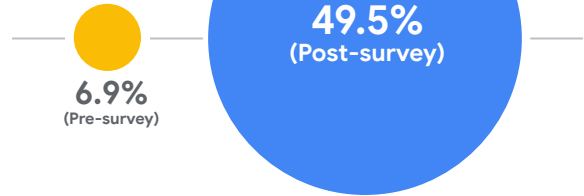
Tech increased collaboration, not
isolation



7x surge in 'joy' - AI made learning feel fun & engaging

Instead of seeing school as routine or passive, students began to describe learning as "fun," "engaging," and "exciting." AI-powered tools made lessons feel more like conversations than commands.

7X increase
in #students finding
learning enjoyable



💧💧 Classroom experience improved and [was] more engaging. New tools and activities increased the fun and engagement.

Student, Phattharaborphit School, Thailand

~25% increase
in students' happiness related to
learning



💧💧 Before [...] learning was usually just lectures and writing. After, it became more interesting and interactive.

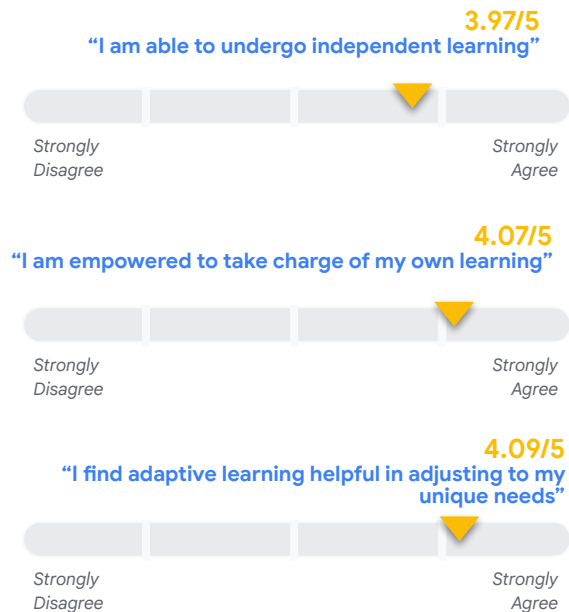
Student, Phattharaborphit School, Thailand

This reinforces a virtuous cycle where learning feels more engaging and enjoyable — and this in turn, deepens engagement



Students no longer waited to be *taught*

Students didn't just say AI helped them learn—they said it helped them learn on their *own terms*, without needing constant input from the teacher. This marks a real shift in learner agency



"I have **learned many things**. I can learn **anywhere and anytime**. It is very convenient to use"

Student, Phattharaborphit School, Thailand



"Students can **learn at their own pace** and **review content** they do not understand at **any time**"

Teacher, Phattharaborphit School, Thailand



Classrooms felt more *connected*

Contrary to fears that tech isolates, students reported collaborating more—through games, group projects, and shared activities.

Technology gave them new ways to support and learn from each other.

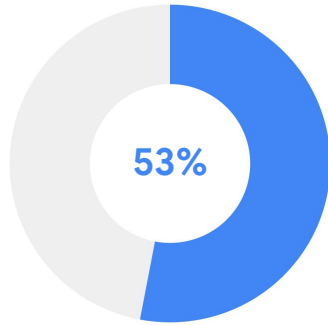
Students rated collaboration and peer support **4 out of 5** on the Likert scale



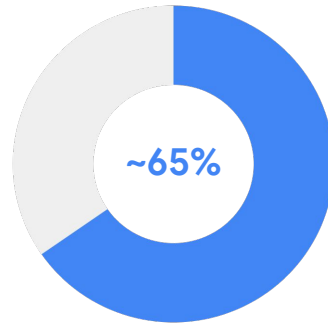
“[The pilot enabled to...] Work more together in groups, express your opinions, help each other.”

Student, Phattharaborphit School, Thailand

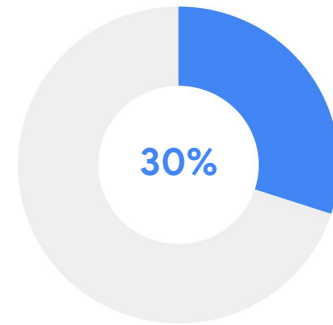
Key concerns around use of AI focus on accuracy



Teachers expressed concerns about **AI interpreting student's social/emotional behavior**



Students expressed concern that **AI may negatively impact grades** due to **incorrect outputs**



Teachers expressed doubts about **whether AI could truly personalize instruction**.

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Thank you