



Project Albus Taiwan

ShengLi Junior High School

April 2026



Reimagining School IT Infrastructure to Enhance Teaching and Learning Outcomes

Customer: ShengLi Junior High School, Taiwan

Industry: Education



"In a traditional class, I lecture, and students listen passively. With Chromebooks and AI, the dynamic shifts. Students consume the content at their own pace..."

– Language Teacher

Challenge

Hsinchu County ShengLi Junior High School faced ongoing challenges in managing over 350 government-funded devices. Limited budgets for device renewal and management, combined with an overburdened IT team handling maintenance and updates, made it difficult to sustain reliable operations that effectively support teaching and learning.

Solution

Project Albus explored a more sustainable approach by leveraging ChromeOS Flex to refresh existing devices. This was complemented by the introduction of new Chromebooks for teachers and access to GWFЕ for both teachers and students, creating a unified and easier-to-manage ecosystem. AI-powered tools such as Gemini and NotebookLM were also introduced, alongside training and ongoing support to help integrate these technologies into everyday classroom activities.

Key takeaways

- ✓ Enhanced Student Engagement and Performance
- ✓ Increased Student Ownership and Independent Learning
- ✓ Significant Time Savings for Teachers to Reinvest in High-Value Teaching Activities
- ✓ Strong Adoption by Teachers and Reducing IT Management Barriers

ASUS Chromebooks Were Provided For Teachers, While ChromeOS Flex Was Deployed On Existing Student Devices



**Teacher | ASUS Chromebook
CM30 Detachable**



Chrome Education
Upgrade

Google Workspace for Education
Fundamentals



**Student | ChromeOS Flex
Refreshed Devices**



Chrome Education
Upgrade

Google Workspace for Education
Fundamentals



“This semester, I've been using NotebookLM most often to create presentations, mind maps, and review notes to share with my students, which helps improve their learning performance.”

– Science Teacher

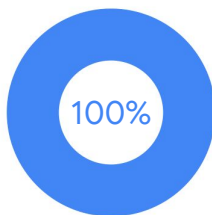


Greater Student Engagement & Performance

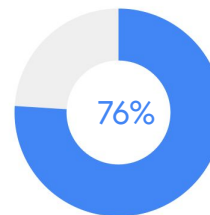
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The application of technology allowed teachers to transition from traditional lecturing to student-centered teaching. This shift resulted in a 100% engagement rate, where teachers noted that students were not only more attentive but were able to grasp complex concepts more deeply, leading to notable improvement in overall academic performance.



Teachers reported improved student engagement in the classroom



Teachers observed improved academic performance among their students

[Link to full academic report](#)



*“With the help of technology,
the classroom becomes more
interesting.”*

– Grade 7 Student.

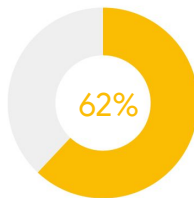


Empowering Student Independent Learning and Collaboration Simultaneously

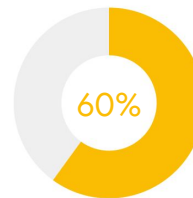
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With the introduction of ChromeOS Flex devices and GWfE tools, students became more autonomous in their learning through easy access to materials and assignments, while also benefiting from increased opportunities for peer learning and collaboration.



Students reported the use of technology allows them to learn at their own pace



Students reported enhanced collaboration with their peers

Google for Education

ASUS

MEDIATEK

Dalberg



"I utilized Google's AI tools during my lesson planning phase. It was useful for brainstorming bilingual terminology and streamline the preparation process significantly."

– Home Economics Teacher



Significant Time Saving for Teachers to Reinvest in High-Value Teaching Activities

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By leveraging AI-powered tools such as NotebookLM and Gemini, teachers automated labor-intensive tasks like quiz generation and lesson planning, saving an average of 5.5 hours per week. This allowed them to focus more on personalized feedback, one-on-one student support, and developing creative, localized lesson plans.



Teachers agreed that technology had saved their time

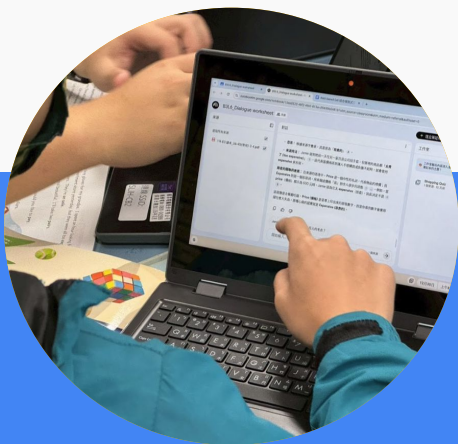
**5.5hrs
Per week**

Was saved on planning & administrative work and reinvested to teaching activities



“It [GWfE] really saved me time and made completing lesson plans and presentations much more efficient.”

– IT Teacher

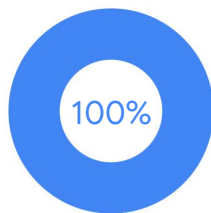


Strong Adoption by Teachers and Reduced IT Management Barrier

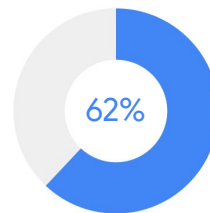
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The introduction ChromeOS Flex significantly reduced IT help-desk burdens. This improved stability, supported by targeted training, gave teachers the confidence to integrate technology into daily instruction. As a result, 100% saw the benefits of technology and 62% consider Chromebooks to be suitable devices for learning.



Teachers acknowledged the benefits of technology in the classroom



Teachers agreed that Chromebooks are suitable for their students