Link to full case study

Preparing students for the future of education with AI literacy skills

Customer: Goseo Elementary School and Nampyeong Middle School

Industry: Education

Challenge

Jeonnam and several other provinces are confronted with the challenge of enhancing teaching and learning experiences in multicultural and small-sized classrooms. This pilot program could serve as a valuable case study for Boards of Education.

Solution

Google for Education collaborated with the school to provide coaching for teachers, incorporating AI-powered tools within Google Workspace for Education, both for personal and shared device settings.

Key takeaways

- Students can leverage AI tools to develop problem-solving skills
- Teachers can leverage content sharing for more effective teaching
- Time-saving benefits for teachers
- Chromebooks viewed as the top device for educational purposes

> “The collaboration time and collaborative processes among students increased through the use of Google Slides, Jamboard, and other tools."
>
> **Teacher**
> **Goseo Elementary School**

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Students can leverage AI tools to develop problem-solving skills

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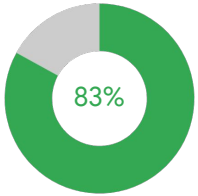
Overall, AI literacy improved for both students using personal devices (from 3.91 to 4.38 on a scale of 5) and those using shared devices (from 3.46 to 3.72). Students also demonstrated improvements in problem-solving and critical thinking skills with AI.

Teachers agree that students become more creative and imaginative with their work



Teachers agree that students develop a better understanding through their own research

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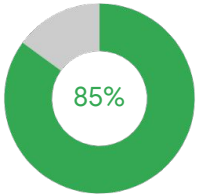
Teachers can leverage content sharing for more effective teaching

Customer: Goseo Elementary School and Nampyeong Middle School

Industry: Education

Google for Education tools enabled teachers to easily create collaborative activities and share content, making classes more effective and enjoyable for students. For instance, teachers could share materials from last year immediately to help students better connect with the knowledge they learned.

Teachers agree that students become more engaged and active in class



Students agree that they find the classroom experience with Google tools enjoyable

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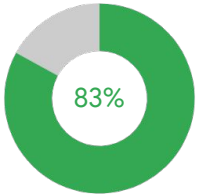
Time-saving benefits for both teachers and students

Customer: Goseo Elementary School and Nampyeong Middle School

Industry: Education

Teachers experienced the most significant time-saving effects in teaching and school management. They also observed that students were more efficient in completing assignments, likely due to improvements in content understanding and research skills.

Teachers observe their students completing assignments more quickly when using Google tools



Teachers claim that their time is saved and agreed that students absorb core subject matter faster

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Chromebooks viewed as the top device for educational purposes

Customer: Goseo Elementary School and Nampyeong Middle School

Industry: Education

Chromebooks were seen as the most consistent, educational device. The most significant advantage was for focusing student attention on learning, while Chromebooks scored particularly low on recreational activities such as contacting friends or gaming.

Teaching and learning activities that teachers rated Chromebooks higher than tablets

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