

Digital transformation in education pilot in El Salvador

Centro Escolar Marcelino García Flamenco



Empowering student agency and teacher transformation through scalable technology

Customer: Centro Escolar Marcelino García
Flamenco

Industry: K-12, Education



It was a great help because it broke down the barrier of fear around using technology in the classroom. We learned that using these tools the right way greatly eases our work with lessons, planning, and assignments — and the students learned that technology is much more than just games (translated)

Riquelmy Edgardo Campos Melara
School Teacher at the Centro Escolar
Marcelino García Flamenco

Challenge

El Salvador's Ministry of Education is advancing nationwide adoption of Google Workspace for Education and exploring the use of ChromeOS Flex to modernize teacher devices. This pilot assessed its educational value and technical performance in a real school setting.

Solution

Nine classes across three grades were taken through a digital transformation with Google Chromebooks, or "Flexed" devices and Google Workspace for Education tools. Students and teachers were open to trying new technology and were able to see benefit from positive impacts on teaching and learning.

Key takeaways

- ✓ Enhanced learning effectiveness and equity
- ✓ Improved student engagement, enjoyment, and collaboration
- ✓ Strengthened teaching experience and time use
- ✓ Chrome OS Flex enables cost-effective and scalable teacher device upgrade

[Link to full case study](#)



“I was surprised to see how some students who never used to turn in assignments now submit them on time and properly” (translated)

School Teacher at Centro Escolar Marcelino García Flamenco

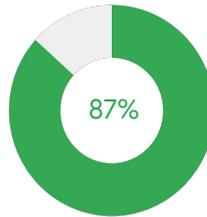


Enhanced learning effectiveness and equity

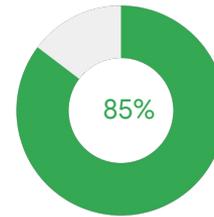
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Teachers reported being better able to tailor instruction to individual needs, with 87% saying they could adapt content based on student understanding and identify areas for improvement. Access to real-time performance data also improved instructional precision, with 80% of teachers leveraging insights to support diverse learning levels. On the student side, 85% reported a higher assignment completion rate, suggesting stronger engagement.



teachers believe that they can adapt content to match their students' understanding and identify areas of improvement



Students say that they achieved a higher completion rate on their assignments

Source: Pre/Post-pilot teacher and student surveys, Dalberg analysis

[Link to full case study](#)



I don't really like coming to class, but that has changed a lot thanks to technology (translated)

5th Grade Student at Centro Escolar Marcelino García Flamenco

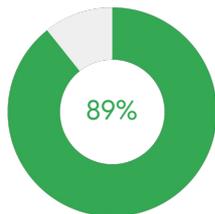


Improved student engagement, enjoyment, and collaboration

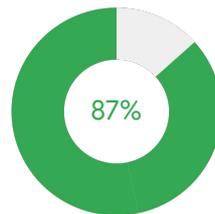
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The pilot significantly boosted classroom engagement and enjoyment. 89% of students rated their classroom experience more positively during the pilot, and 87% of teachers reported higher student engagement. Students also highlighted more collaborative peer interactions and a greater sense of belonging, saying they could support one another more easily during group work and assignments.



students described their classes as being more enjoyable



teachers say students class engagement increased

Source: Pre/Post-pilot teacher and student surveys, Dalberg analysis

[Link to full case study](#)



Our work takes a lot of time due to its different stages, and with this operating system everything becomes much easier (translated)

School Teacher at Centro Escolar Marcelino García Flamenco

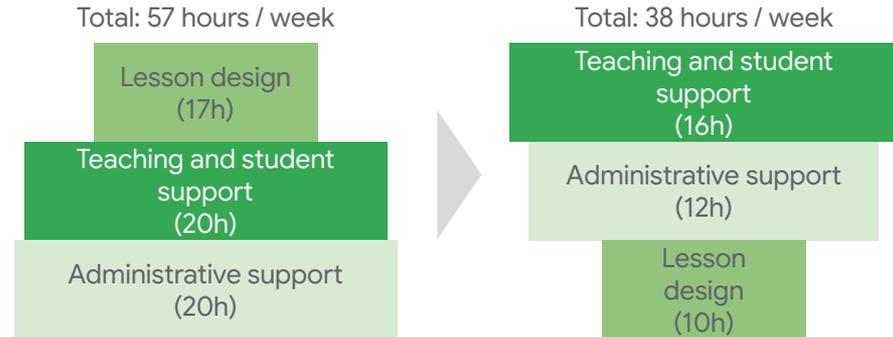


Strengthened teaching experience and time use

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Teachers cut weekly workload from 57 to 38 hours, reallocating time from admin tasks to planning and student support. 93% reported time savings with Google tools, and tasks became easier to manage. All earned GfE Level 1 certification, and 66% felt highly comfortable using Chromebooks.



Source: Pre/Post-pilot teacher and student surveys, Dalberg analysis

[Link to full case study](#)



I didn't think you could work so well with old computers, but with Chrome OS Flex, they feel like new (translated)

School Teacher at Centro Escolar Marcelino García Flamenco

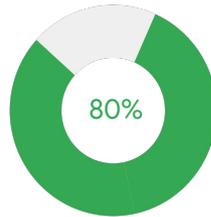


Chrome OS Flex enables cost-effective and scalable teacher device upgrade

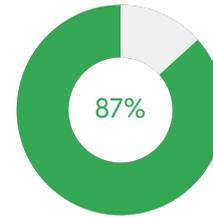
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Teachers found ChromeOS Flex to be a high-performing and user-friendly solution for upgrading existing laptops. 80% said it outperformed their previous operating systems, and 87% would recommend it for broader adoption across the country. The most valued features were speed, ease of use, and the updates & security.



teachers believe that ChromeOS performed better than other operating systems



teachers would recommend that more teachers in the country use ChromeOS Flex on their current devices

Source: Pre/Post-pilot teacher and student surveys, Dalberg analysis