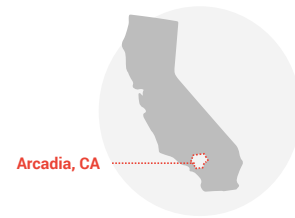


Arcadia Unified School District



Arcadia Unified School District's implementation of Chromebooks and G Suite for Education led to tangible gains for students and teachers alike. Students became more engaged, thanks to the addition of self-directed learning. Teachers were able to help students who struggled, using a faster feedback loop to give them real-time results. Administrators implemented Google tools for themselves first, and after experiencing the benefits, became cheerleaders for a district-wide 1:1 rollout with full-time technology coaches to help integrate Chromebooks into classrooms.

District facts

Public school district

Total district enrollment

9,701 **500**
Students Teachers

Grades served

K > 12

Number of schools

11 
6 Elementary school
3 Middle school
1 High school
1 Learning center

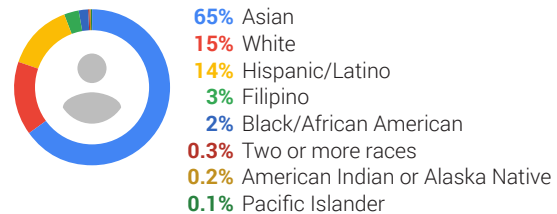
Free/reduced price lunch


20% of students qualify

Google tools

9,701 Chromebooks
3 Years using Chromebooks
4 Years using G Suite for Education
100% Students using G Suite for Education

Ethnicity



Students grade level



Will take devices home during the school year starting in 2016

Why Chromebooks

- After the district deployed Chromebooks combined with effective professional development, teachers enhanced the quality of teaching and improved student learning.
- Across all subjects, teachers report higher levels of student engagement and increased levels of student achievement and mastery.
- Students are more engaged in classes, now that they can access resources and collaborate with classmates on their Chromebooks.

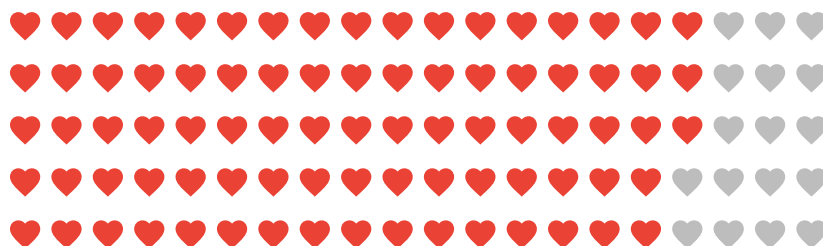
Results

At the end of SY 2015–2016, students and teachers were asked how Google technology changed their teaching and learning.

74% of **teachers** report Google products have improved the quality of student work



83% of **students** report using Google products have impacted the quality of their work, with **22.6% saying it has had a "huge" impact**



83%

of students report they either like or love using G Suite for Education



59%

of students create original content (Docs, Sheets, even magazines) at least once a month



71%

71% of teachers report Google tools improved student collaboration, with **35% saying it has made a "huge" impact**



79%

of students report Google tools improved feedback from teachers



70%

of students collaborate with other students at least once a month, with **32.1% collaborating at least once a week**, and **18.9% collaborating daily**

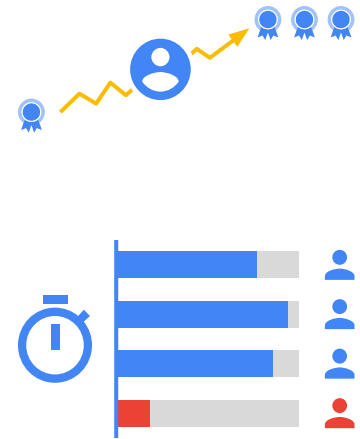
Introducing technology

Arcadia Unified School District, located just east of Pasadena, CA, fundamentally shifted their culture and pedagogical approaches after deploying G Suite for Education and Chromebooks. It wasn't just the equipment, though: they were ready for a shift. "We didn't just take technology and put it in the classroom and call it good. We made sure there was strong infrastructure and curricular support as well," says Greg Gazanian, Chief Strategy and Innovation Officer at Arcadia Unified School District.

In 2012, the District adopted Gmail, which offers unlimited free storage for education users, because their servers were overloaded. Within two weeks, the superintendent used Google Docs during a cabinet meeting; the following week, principals used Docs in their meetings. School leaders said, "The next thing we knew, schools were going to Google Forms instead of triplicate paper forms and G Suite was popping up everywhere." After the district deployed Chromebooks combined with effective professional development, teachers were able to enhance their quality of teaching and improve student learning.

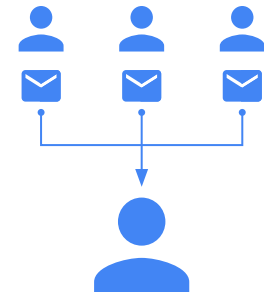
Chromebook meets pedagogy

Chromebooks and G Suite for Education helped teachers combine technology and pedagogy. Students research topics and trends in history on their own during class time, work on current events at a moment's notice, and connect those events to the curriculum. Across all subjects, teachers report higher levels of student engagement and increasing levels of student achievement and mastery. Teachers now have a faster feedback loop, enabling them to identify and support students who need intervention much more quickly. "It wasn't about technology but about our goals for the district. It was a holistic cultural change," says Gazanian. Students who otherwise would slip through the cracks no longer can avoid participation, because teachers can view their work in G Suite in real-time. Teachers then adjust instruction in real-time depending on the needs, progress and questions of each class.



Working together, more

Students as young as second grade now regularly send emails after school to teachers asking for support or clarification on assignments. Students are more engaged in classes, now that they can access resources and collaborate with classmates on their Chromebooks. Because students have access to their Chromebooks and Google Drive outside the classroom, they engage with classmates in real-time, even if they are absent. This decreases the loss of instructional time and models essential communication and collaboration skills for the classroom and workplace of the future. One teacher summed up the changes in his classroom by saying, "My teaching style has changed in so many ways, all for the better."



"Be able to set your values as an organization, give them the support to flourish, and trusting them to grow. Google, Chromebooks, and G Suite are amazing tools that are allowing our teachers to flourish."

Greg Gazanian, Chief Strategy and Innovation Officer at Arcadia Unified School District



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