

Future Ready Learning

Overview of Access Learning Pilot
Plans for Scaling Statewide

HAWAII STATE DEPARTMENT OF EDUCATION

HawaiiPublicSchools.org



Schools in the Pilot

Keaau Elementary

- 857 students, 79% economically disadvantaged

Mililani Mauka Elementary

- 893 students, 16% economically disadvantaged

Mililani Waena Elementary

- 744 students, 32% economically disadvantaged

Moanalua Middle

- 839 students, 30% economically disadvantaged

Nanaikapono Elementary

- 929 students, 91% economically disadvantaged

Nanakuli Elementary

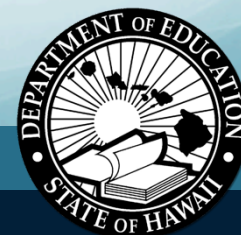
- 451 students, 87% economically disadvantaged

Nanakuli High and Intermediate

- 970 students, 81% economically disadvantaged

Pahoa Elementary

- 449 students, 92% economically disadvantaged



More Than Devices

It isn't just this!



More Than Devices

It isn't just this!

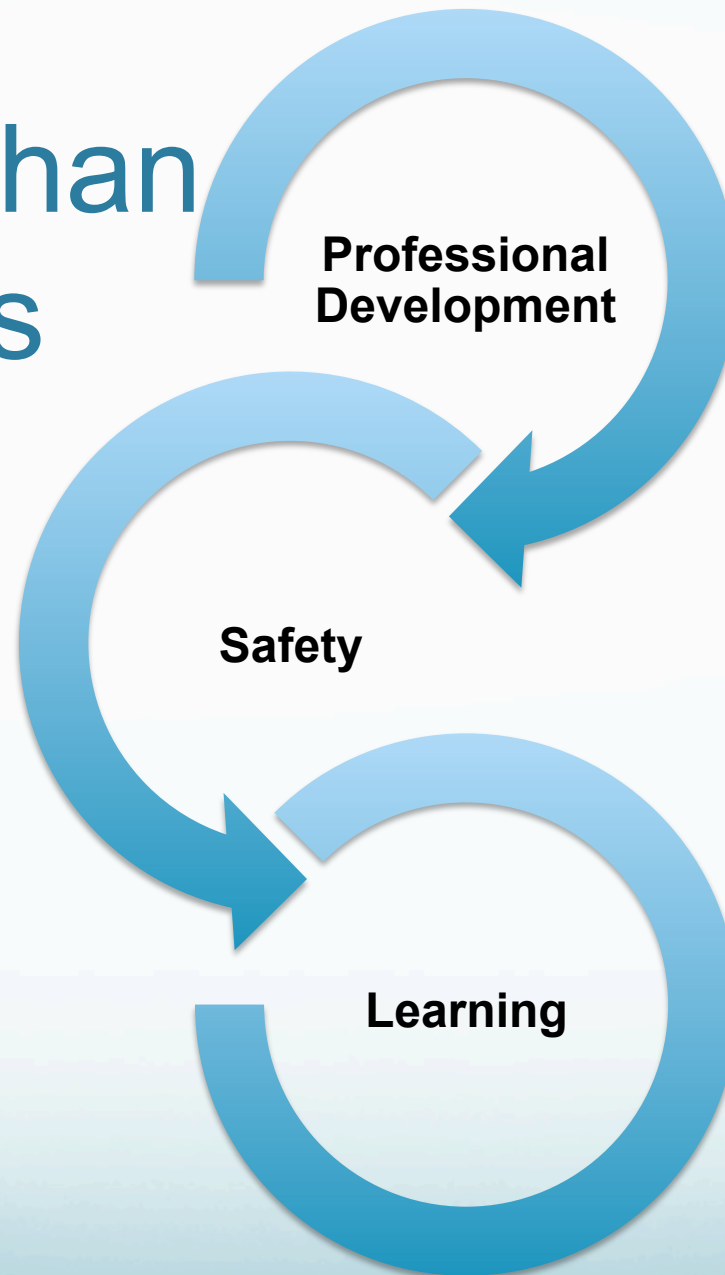
Supporting
Teachers

Connecting
to
Resources

Teaching
& learning
expands



More Than Devices



- Administrators
- Teachers
- Technology coordinators

- School safety resources, partnerships
- Digital Device Usage Policy
- Change Management Guide

- Teachers leveraging technology
- Students engaging in learning beyond the four walls of the classroom

Some of what we're seeing...



bit.ly/FRLHILeg15



Classroom Perspectives

- Mahea Kiyan, Nanaikapono Elementary
 - bit.ly/Npono2015
- Students from Mililani Mauka Elementary
- Principal Abey Qureshi, Mililani Mauka Elementary
- Principal Wade Araki, Kaimuki High
- CAS Keone Farias, Kau-Keaau-Pahoa Complex Area



Scaling Statewide: Future Ready Learning

- Complex area technology summits.
- Future Ready planning workshop

Time to
plan

- Future Ready Fast Track
- Support for tech coordinators (school and complex area).

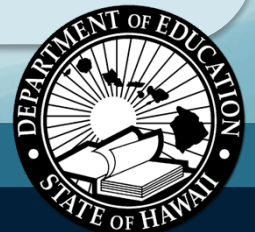
Time to
support

- Online learning communities for teachers, principals, technology staff.
- Online “hangouts” to troubleshoot and share.

Peer-to-
peer
sharing

Building
local
expertise

Invite/nomination only program for educators and complex area staff to become Future Ready technology integrators.



Scaling Statewide: Future Ready Learning

*Helping schools get to
“ready, willing, and able.”*



Complex area
technology
summits.



Facilitated
planning
workshop for
interested
school
leadership
teams.



School plans
submitted as
application for
the “Future
Ready Fast
Track.”



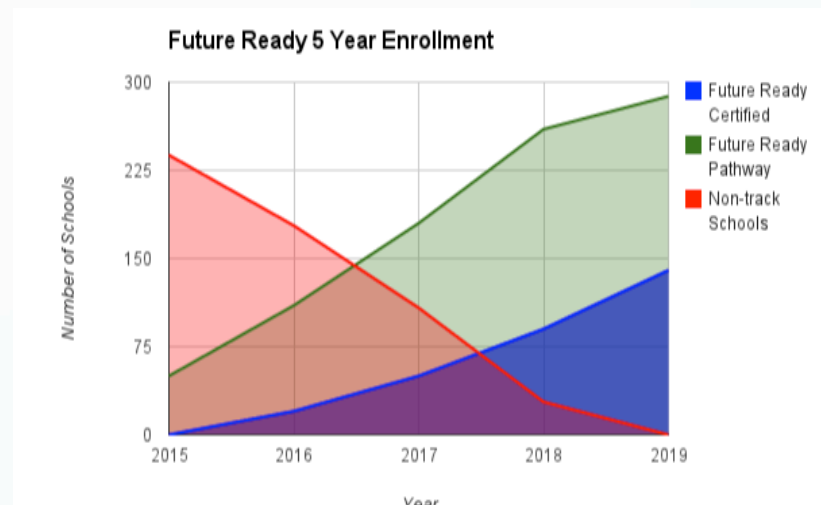
Project team
reviews plans
against the
Future Ready
Rubric.



Top
applications
selected for
the Fast
Track.

Scaling Statewide: Future Ready Learning

Cost		
PD Program	\$2.7 million over 3 years	Seeking grant or other funding.
DOE staff to support 1:1 educator PD	\$753,786 over 2 years	Included in biennium budget request.
Research and evaluation	\$370,000 over 3 years	Seeking grant or other funding.
Funds to offset cost of devices for schools	\$30 million over 2 years	Included in biennium budget request.



FB 2015-17 Request:

- \$30 million for devices
- \$376,893 each year for positions, PD

Some Closing Thoughts





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Transforming Schools & Results

Teaching & Learning
Curriculum Instruction & Testing

Finance & Operations
Student Programs & Services

Parents & Students
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Looking for Highly Qualified teachers, specialists and more for our schools and offices.



Digital learning Future Ready

Teaching and learning extends beyond the four walls of a classroom and a school schedule.



Hawaii Common Core Standards

English Language Arts and literacy in history, science, technical subjects and math.

HawaiiPublicSchools.org

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Featured Article



Family resource assessments

Families are key in student preparedness. New standards (Hawaii Common Core) and assessments (Smarter Balanced) are creating shifts in the



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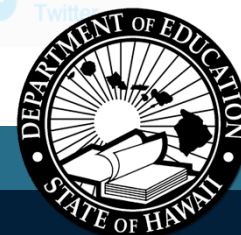


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Tweets



Data from the 1-to-1 pilot



A Proven Model: Reducing Burden

“Administration is using it along with us. This is great. We feel supported.”

“I’m more organized. I have last semester’s assignments, worksheets, exams — all in one place. Easy for re-use. This will make my prep easier next year also.”

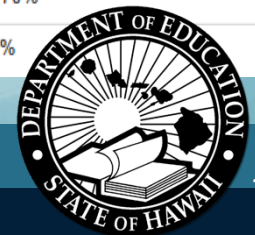
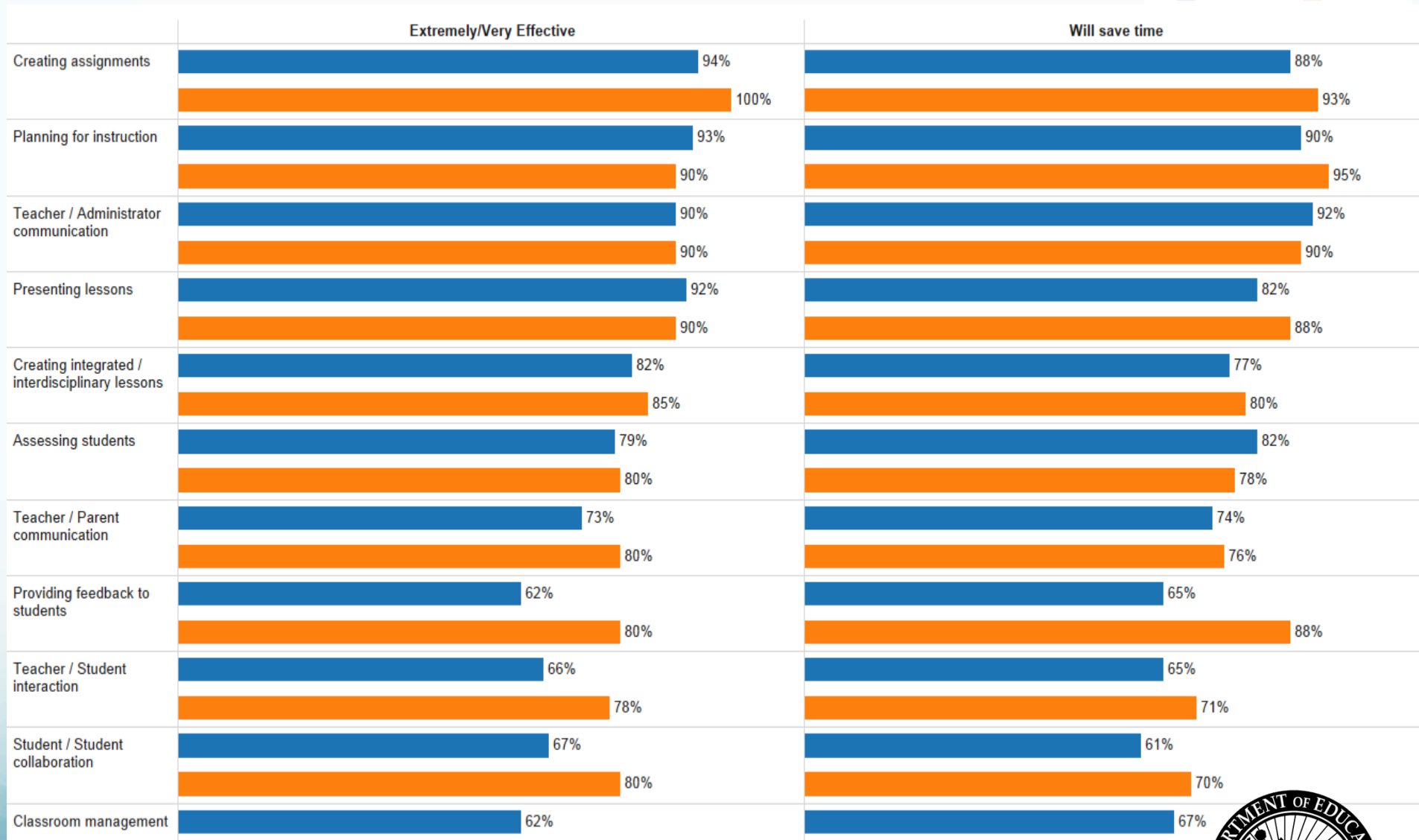
“Notes, forms, and other things are sent out to us. I have everything I need for our grade-level meetings. We share things, use the calendar. Yes, I’m prepared. Everything is all in one place.”

“My directions and agenda are clearer because students receive them orally as well as in the class blog. Engagement and my ability to read through student responses is so much faster. My ability to share responses with the students is fast and easy.”



Percentage of Teachers who believe devices help them be more effective and save time:

Fall 2013 Spring 2014



A Proven Model: Student Achievement

“Technology has provided a means for all of my students, including those with disabilities and my ELL students, to be able to show me what they've learned in various formats. It has allowed me to make learning more engaging, exciting, and fun. Having the computers has opened up a world of possibilities for my students.”

“They are working together. It's great. The best part is that when they meet in their groups and they explain their thought processes in the comments section. This helps them really understand better.”

“I have found ways to enhance my teaching using technology ... its not just adding an extra layer to the curriculum, it actually is embedded into how we do things and makes for a better learning environment.”

“Student writing has improved, student creativity is enhanced, student participation has increased, publishing to an audience changes everything.”



Impact on Students

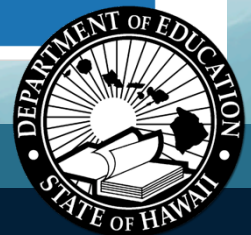
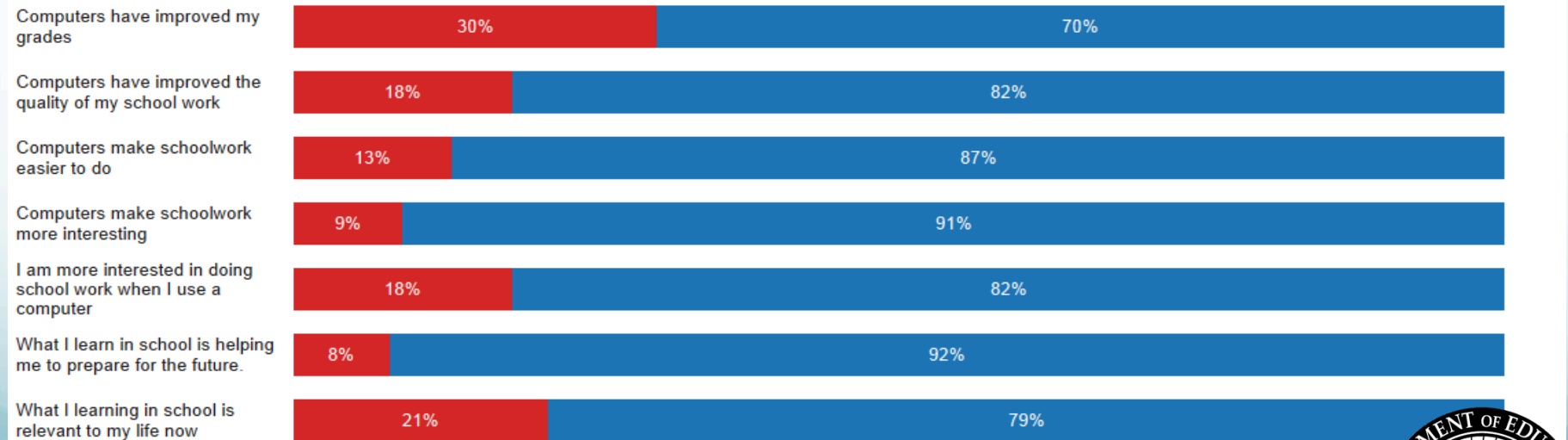
Teacher Feedback on How Technology Integration can Benefit High-Needs Students

Fall 2013 Spring 2014



Percentage Agree/Disagree Among Students Using Laptops At Least Once A Week

No Yes



A Proven Model: Engagement & Equity

“We are in a new generation and it’s fun learning new stuff like the computers.” (Student Survey)

“When I’m on the computer my mind is off of everything but the activity that I’m doing. Another reason that I like using the computer in school because it helps me focus and it’s more interesting. It is interesting because you can see pictures of people and their expression and on paper you can see pictures but, not in color. Paper school work is boring.” (Student Survey)

“I feel I am more responsible now. I need to be able to take care of my computer. We’ve learned how to be responsible, and I can do it now.” (Student Survey)

“My child is more enthusiastic than ever before.” (Parent Survey)

“Everyone has access to technology even if they are not able to afford it. This makes it fair for ALL students.” (Parent Survey)

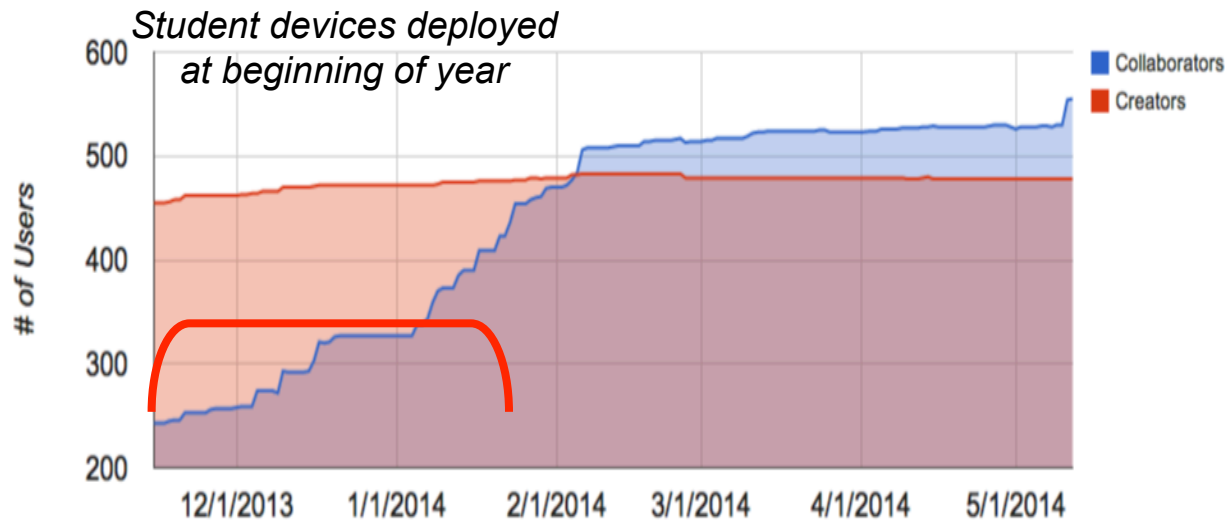
“In the past I thought only private schools had these benefits. I’m thinking public education has gone into the 21st century learning.” (Parent Survey)

“I know that children of today must learn how to use this if they want to get ahead in the world.” (Parent Survey)



A Proven Model: Collaboration

Teacher PD



Even in an environment where technology is already present, the professional development helped a static, technology-rich school become a highly collaborative one.

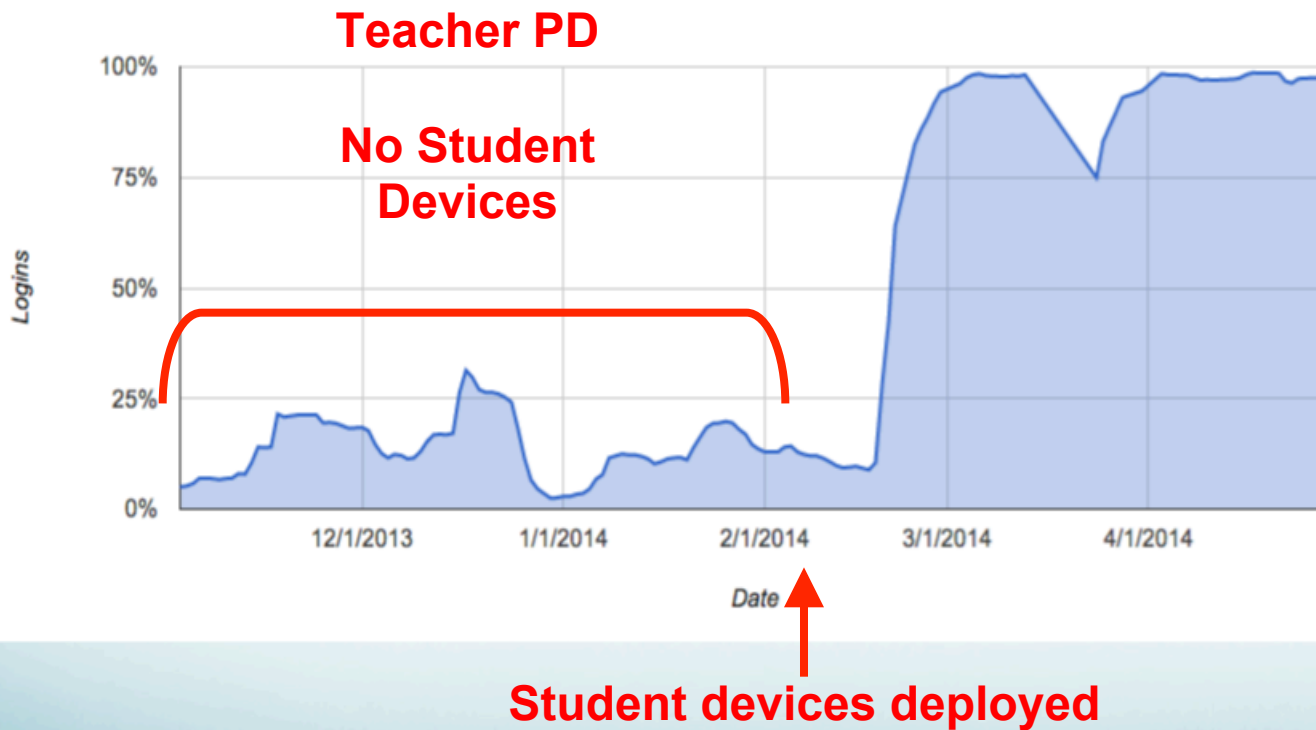
As you can see in the graph, shortly after the professional development, more users were sharing documents with one another than were creating new ones.

Fall 2013 Spring 2014

Teachers believe that computers improve student-to-student collaboration



A Proven Model: Professional Development



These data demonstrate the importance of giving educators a chance to learn how to use the device before asking them to deploy to students.

The school set a second semester goal of 50% of users logging in once a week. They met and exceeded that goal, reaching 98%.