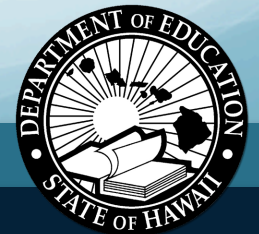




Access Learning

Overview of Year 1
Plans for Year 2

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, 70% economically disadvantaged

Nanaikapono Elementary

- 929 students, 91% economically disadvantaged

Nanakuli Elementary

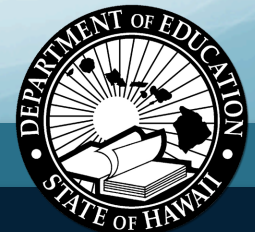
- 451 students, 87% economically disadvantaged

Nanakuli High and Intermediate

- 970 students, 81% economically disadvantaged

Pahoa Elementary

- 449 students, 92% economically disadvantaged



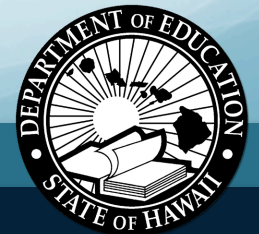
More Than Devices



Supporting
Teachers

Connecting
to Resources

Teaching and
learning
expanded
beyond
textbooks and
classroom
walls



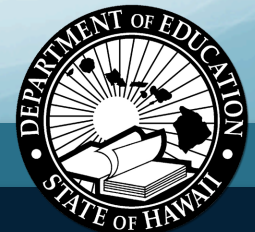
More Than Devices

Professional Development for all administrators, teachers, and technology coordinators.

School safety resources and partnerships, digital device usage policy, and change management guide.

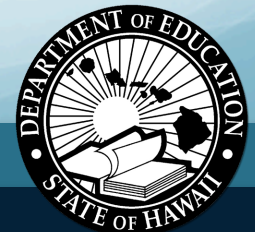
Teachers leveraging technology.

Students engaging in learning beyond the four walls of the classroom.



Some of what we're seeing...

- Students at Keaau Elementary using the devices to live stream a virtual field trip, where they led Native Hawaiian chants and lessons on volcanic flora and fauna for students around the world.
- Students at Pahoa Elementary creating classroom rules for using the devices responsibly (in addition to the Digital Device Usage Policy).
- Students at Moanalua Middle using devices during band to connect more deeply with music by learning about composers and their context. This builds into a unit where students create their own music, using the devices.
- Teachers in Nanakuli using the devices to streamline their data teams work.
- Students in Mililani using devices to video each other reading out loud and work together to improve their pronunciation.



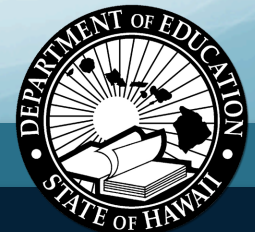
Year 1 Evaluation Results

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

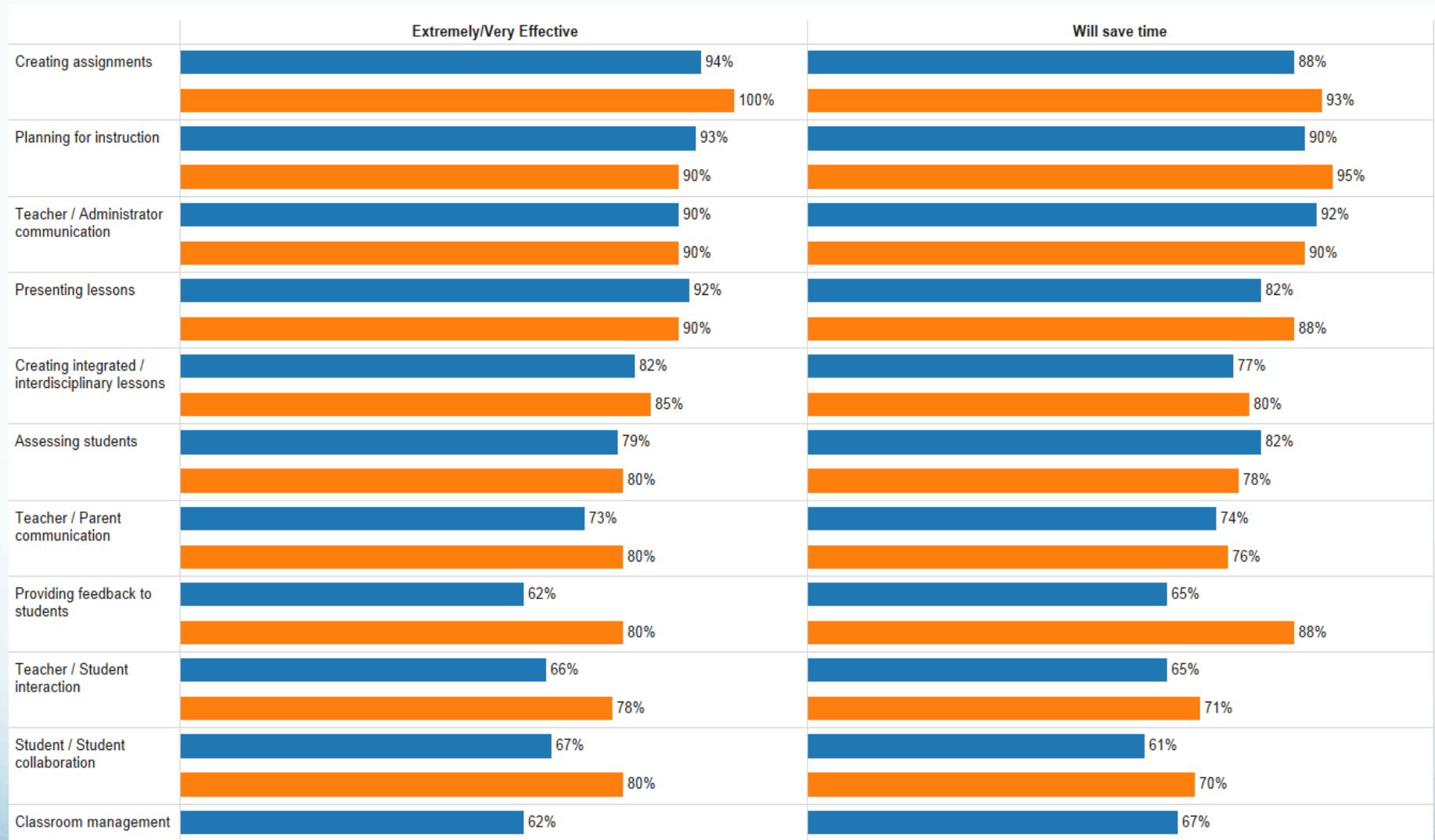
“I’m more organized. I have last semesters assignments, worksheets, exams, all in one place. Easy for reuse. This will make my prep easier next year also.”

“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:



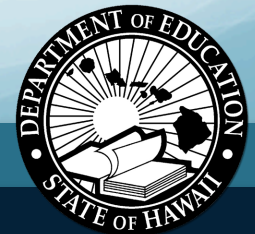
Year 1 Evaluation Results

“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.”



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

Fall 2014 Spring 2014



Teachers believe that computers improve student-to-student collaboration

Fall 2013 Spring 2014



Year 1 Evaluation Results

“we are in a new generation and its 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)

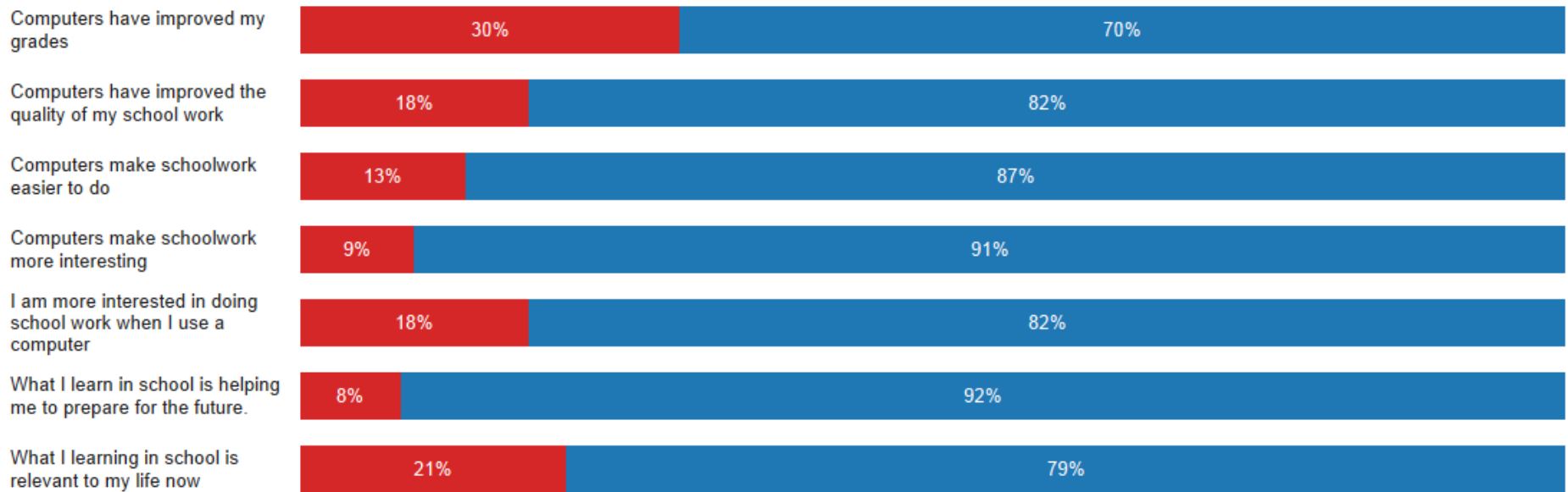
“In the past I thought only private schools had these benefits. I'm thinking public education has gone into the 21st century learning.” (Parent Survey)

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

Year 1 Evaluation Results

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

■ No ■ Yes



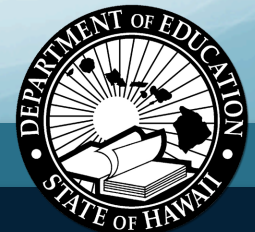
Lessons Learned: Conditions for Success

Support

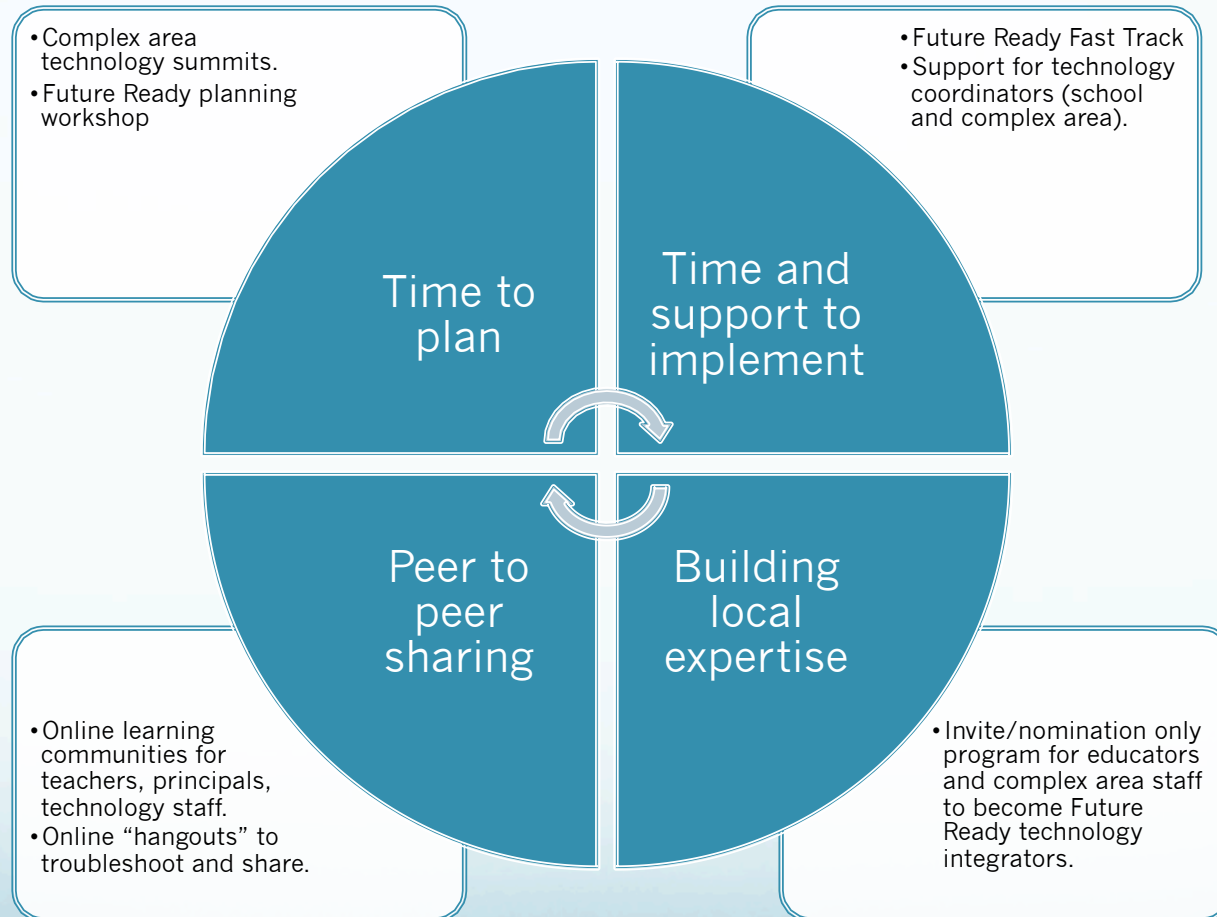
- School leadership and vision are critical.
- School technology coordinators need targeted support.

Time

- This takes more than one school year. Schoolwide professional development should span a longer window of time and continued to include access to individual job embedded support.
- Schools must communicate with their parents and community.

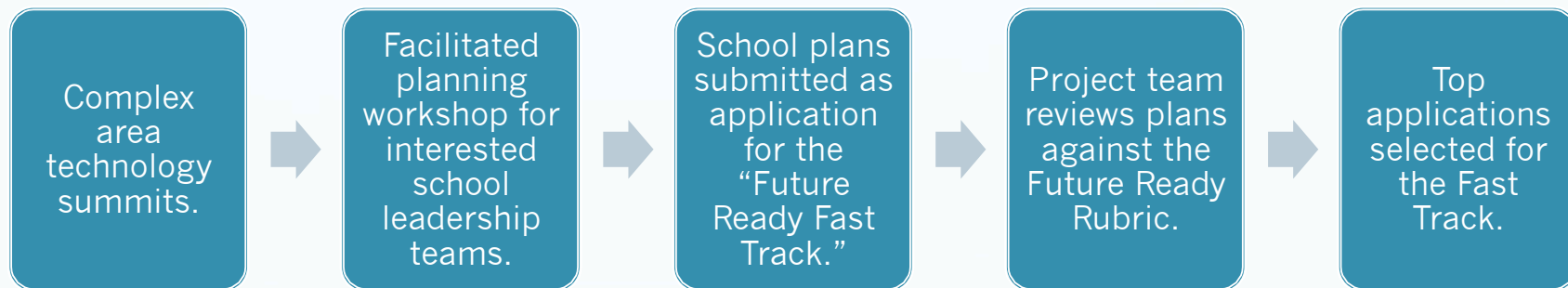


Scaling Statewide: Future Ready Learning



Scaling Statewide: Future Ready Learning

Getting schools to ready, willing, and able:

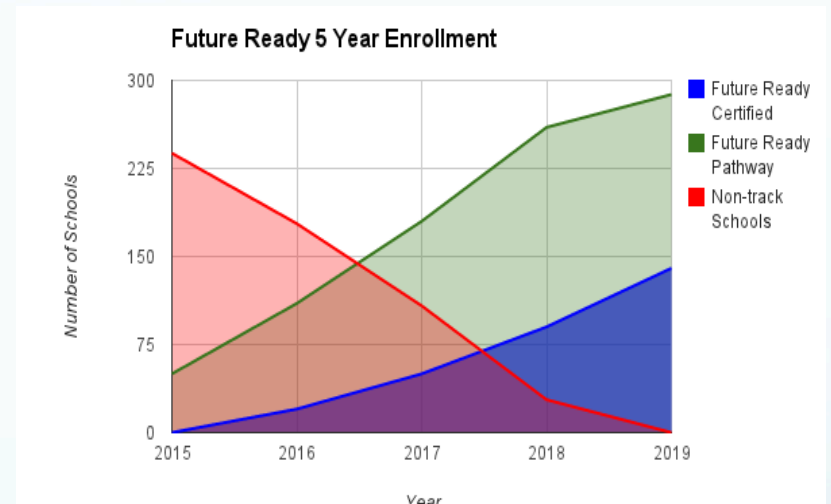


Once in the Fast Track, schools have access to:

- In-depth professional development targeted to support implementation of their school plan (school wide and 1:1 teacher sessions).
- Targeted support for their school network infrastructure.
- Funds to offset device costs.
- Support for large scale, project based learning opportunities such as worldwide virtual field trips.

Scaling Statewide: Future Ready Learning

Cost		
Fund to offset cost of devices for schools	\$30 million over 2 years	Included in biennium budget request.
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.



Some Closing Thoughts

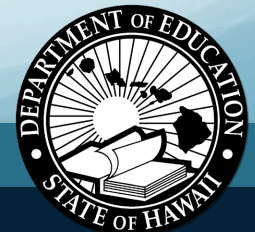
“ Aloha all,

I just wanted to share what an amazing day I had today! I was fortunate enough to join Principal Higa and her team, as they continued deployment of their devices. We visited kindergarten, first, second, and third grade classes where Principal Higa had the teachers unlock their computer cart to reveal the devices to the class. Each student then cleaned their hands, pulled out his/her device from the cart, and placed it carefully on his/her desk. Principal Higa demonstrated how to lift the cover, turn the computer on and log in, as well as how to turn it off, close the cover and return it back to the cart.

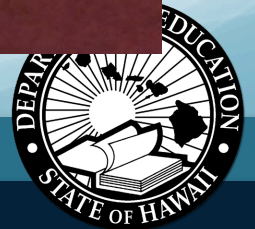
The kids were so excited to receive their devices! Besides the oohs and ahhs, as well as the cheering, **kids commented on how they were getting the same kind of computer their teacher has.** Some students commented on how **this was their first computer.** One boy actually brought me to tears when he said, **"This is the best day of my life!"**

From the moment I heard that the Nanakuli complex was going to be in the pilot, I was so thrilled! **This is bigger than just using a digital curriculum;** this is about **social justice for our kids.** Many of our kids on the coast **don't have the luxury of having a computer at home.** At school, they have always had to share the computers in the classroom. Now, with their own device, they'll be able to do so much more. **This pilot provides the opportunity to raise digital citizens, develop 21st century teaching & learning skills, and level the playing field between our kids and kids from more affluent communities.**

Mahalo for this amazing opportunity!”



Some Closing Thoughts





Vision for Success
Transforming Schools & Results

Teaching & Learning
Curriculum, Instruction & Testing

Beyond the Classroom
Student Programs & Services

Parents & Students
Resources & Tools

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About the Department



Strive HI Path to Graduation

What students need to do to earn a diploma from Hawaii's public high schools.



Free & Reduced Price Lunch program

Nutritionally balanced, low-cost or free lunches are available to qualifying children.



Educator Effectiveness Teacher training

Learn about our system of educator evaluations, mentoring and training.



Building champions Athletics

The Department offers 20 interscholastic sports each school year — and more.



Common Core Curriculum

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

The Strategic Plan

Our governing document driving the transformation of schools, grounded in three goals:

Strive HI System

Our school accountability and performance system, rewarding growth and achievement.

Testing

Our series of student exams includes the State Assessment, ACT and End of Course exams.

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Resource Slides

Breakdown of Access Learning Funds

The legislature appropriated \$8,219,659 to fully implement a 1:1 pilot program in School Year 2013-2014.

\$7,998,940.00 Funds directly to schools to help offset **curriculum** costs, **devices** for every teacher and student, **software**, and a **6% spare pool** at each school; **warranties**; **vouchers** to purchase educational **apps** and **cases** for iPads; **carts** for storage and charging; a portion of the **professional development**; and **technical support**.

\$182,209.75 Funds directly to schools to purchase **substitute teachers**, overall **project management** and **evaluation**.

\$38,509.29 Funds directly to schools to purchase **asset tags** for devices, classroom management **applications**, and an **evaluation tool**.

