



STATE OF HAWAII
DEPARTMENT OF EDUCATION
P.O. BOX 2360
HONOLULU, HAWAII 96804

Date: 02/25/2016
Time: 11:00 AM
Location: 308
Committee: House Finance

Department: Education

Person Testifying: Kathryn S. Matayoshi, Superintendent of Education

Title of Bill: HB 2267, HD1 RELATING TO TECHNOLOGY IN SCHOOLS.

Purpose of Bill: Defines curricular materials to include both printed and digital material. Clarifies that moneys for curricular materials can be used for digital formats. Appropriates funds. (HB2267 HD1)

Department's Position:

The Department of Education supports the intent of HB 2267 HD1 and respectfully submits the following comments:

Updating Definition of Curricular Materials

The Department proposes Section 2 be further amended to include revision to Hawaii Administrative Rules, Title 8, Chapter 57, Restitution for Damaged and Lost Books, Equipment, Supplies, and Outstanding Financial Obligations.

Digital Device Support

The Department is appreciative of the Legislature's consideration of an appropriation to support the Future Ready Program, so long as the implementation of HB 2267 HD1 would not replace or adversely impact priorities previously indicated in the approved Executive Supplemental Budget.

On October 20, 2015, the Hawaii State Board of Education approved the Fiscal Year 2016-17 supplemental budget request which included \$12.88 million to support the Future Ready Program. Specifically, \$12 million to help schools offset the cost of devices and \$880,000 to fund the professional development planned for school year 2016-17. However, the Executive Supplemental Budget did not include funding for Future Ready. In addition, a federal grant application to support the program was unsuccessful.

Respectfully, the Department requests \$12.88 million for fiscal year 2016-17 for digital devices for teachers and students to use in public school classrooms, and for professional development for educators, as follows:

- **\$12.0 million for digital devices**

Funding would allow schools to apply for up to \$500/unit to help offset the cost of devices. The device costs are intended to help schools jumpstart their device deployment, in conjunction with the use of weighted student formula or other means of funding at the school level. The \$12 million would be sufficient to support roughly 24 schools - assuming a need of 1,000 devices per school. It is likely that schools will not need the full amount of devices, as all schools already have some degree of technology on campus.

- **\$880,000 for professional development opportunities for educators**

Comprehensive supports to schools would include:

- a. Customized professional development for up to 20 schools to implement their technology integration plans (\$420,000).
- b. Targeted support for up to 60 schools to develop their school specific vision and plan for integrating technology (\$240,000).
- c. Training become technology integration experts and to provide professional development to the schools in their areas for up to 300 teachers (\$120,000).
- d. Technology staff specific professional development for up to 144 complex area and school technology staff (\$80,000).
- e. Management of the online learning community that school teams use to share resources and best practices (\$20,000).

If funded, the Future Ready program will continue to proactively meet the demand of increased digital device usage and expand the practice of career and college bound digital skills of our students.

Thank you for this opportunity to provide testimony on HB 2267 HD1.

DAVID Y. IGE
GOVERNOR



CATHERINE PAYNE
CHAIRPERSON

STATE OF HAWAII
STATE PUBLIC CHARTER SCHOOL COMMISSION
(‘AHA KULA HO‘ĀMANA)

<http://CharterCommission.Hawaii.Gov>
1111 Bishop Street, Suite 516, Honolulu, Hawaii 96813
Tel: (808) 586-3775 Fax: (808) 586-3776

FOR: HB 2267 HD1 Relating to Technology in Schools
DATE: Thursday, February 25, 2016
TIME: 11:00 AM
COMMITTEE(S): House Committee on Finance
ROOM: Conference Room 308
FROM: Tom Hutton, Executive Director
State Public Charter School Commission

Comments regarding HB 2267 HD1

Chair Luke, Vice Chair Nishimoto, and members of the Committee:

The State Public Charter School Commission appreciates the opportunity to submit these comments. The Commission appreciates the amendment made by the House Education Committee to clarify that this proposal applies to department schools, and not public charter schools. We do note that the proposed general fund appropriation to the DOE would be factored into calculating per-pupil funding to charter schools.

Thank you for the opportunity to provide this testimony.

February 24, 2016

The Honorable Syliva Luke, Chair
House Committee on Finance
Hawaii State Capitol, Room 306
Honolulu, HI 96813

SUBJECT: HB 2267 (Ohno) – Technology in Schools - Support

Dear Representative Luke:

On behalf of the Computing Technology Industry Association (CompTIA) - the nation's leading advocacy voice for the tech industry - I am writing in support of HB 2267 regarding to technology in schools.

CompTIA is a non-profit trade association serving as the leading voice of the information technology industry – the driving force behind productivity growth and job creation, representing premier technology companies of all sizes. With approximately 2,000 member companies, 3,000 academic and training partners and more than two million IT certifications issued, CompTIA is dedicated to advancing industry growth through educational programs, market research, networking events, professional certifications and public policy advocacy.

HB 2267 would define curricular materials to include both printed and digital material and require textbook manufacturers to make a digital format of the textbook available for use in public schools. Digital curriculum presents opportunities for learning that cannot be matched by textbooks. The financial savings that can be realized by schools by using digital curricula can be enormous and transform a student's trajectory by investing in transformative technology.

Hawaii lags the nation in providing a 21st Century education that prepares students for work in a world dominated by technology and new media communication. Hawaii's future economy is largely predicated on the ability of its students to gain the necessary skills to compete in this increasingly innovative and technology-driven world. Today's education laws in Hawaii are geared toward a 20th Century economy and create significant barriers for schools looking to provide a more innovative education for their students. Hawaii must adapt quickly and break down barriers to fostering a 21st Century education.

For these reasons, CompTIA is pleased to support HB 2267. Should you have any questions, please contact me at (916) 443-2720 or Khitt@comptia.org

Sincerely,



Kelly Hitt
Director, State Government Affairs - California and Hawaii
CompTIA (Computing Technology Industry Association)

Cc: House Committee on Finance, Members
The Honorable Takashi Ohno



TechNet
The Voice of the Innovation Economy

February 24, 2016

The Honorable Sylvia Luke
Chair, House Committee on Finance
Hawaii State Capitol, Room 306
Honolulu, HI 96813

RE: HB 2267 - SUPPORT

Thank you Chairwoman Luke and members of the Committee for the opportunity to weigh-in, in support of House Bill 2267. My name is Caroline Joiner and I am Executive Director of TechNet. TechNet is the bipartisan policy and political network of CEOs and senior executives that promotes the innovation economy. Our membership includes dynamic start-ups to the most iconic companies on the planet. I am pleased to have this opportunity to submit written testimony in support of HB 2267.

With global economic leadership at stake, education and workforce development are more critical than ever. TechNet's member companies rely on a strong pipeline of talent with the problem-solving, communication, collaboration, and computer literacy skills required in our global, interconnected and technology-driven economy.

Our companies have long collaborated with educators, policymakers and other stakeholders to promote the adoption of digital learning resources and technology integration because we believe it can fundamentally transform education, improve student outcomes and enable college and career readiness. ***It is for that reason that we believe HB 2267 is an important and critical investment for the State of Hawaii to make.***


Every day, teachers go into classrooms with dozens of students who learn in different ways and at different paces. They struggle to match each student with the content and instructional approach to ensure each student's personal engagement and success. It's a true testament to the skill and commitment of our teachers that they do it so well, and underscores how important it is that we equip our teachers with the digital content and technology tools that will enable them to teach all students most effectively.

At the most basic level, digital content and tools can be regularly updated, revised and improved at any time. Technology-enabled tools and resources - like digitized books with embedded dictionaries and videos, virtual field trips, game-based multimedia simulation and animation - can be used to make complex concepts more visual and accessible and give students multiple ways and chances to understand and master content. Digital learning also powers collaboration between educators, empowering instructors to create courses using the best content available. Ultimately, compelling digital content and tools engage students, fuel exploration and motivate learning. These are the keys to success in the innovation economy.

Technology can also help make classroom learning more student-centered and personalized, putting the right information, tools, and resources in a teacher's hands, tailored to students' individual needs. It allows teachers to uniquely connect with each learner and provides quick feedback to teachers on where students are struggling, allowing them to provide additional instruction, and dynamically guide and accelerate learning. It also helps students better master material, pace their learning, review material, and be assessed and provided feedback before moving to another lesson.

House Bill 2267 ensures that Hawaii's school children are not missing out on the promise of digital learning content and tools. It is written in a way that provides flexibility for content providers and local educators and teachers to develop, select and utilize the best tools for the classroom and entire scholastic experience. TechNet respectfully requests your support on the measure and I am happy to respond to any questions or comments raised by this letter. I can be reached at cjoiner@technet.org.

Sincerely,

A handwritten signature in black ink that reads "Caroline Joiner". The signature is written in a cursive, flowing style.

Caroline Joiner
Executive Director
TechNet

From: mailinglist@capitol.hawaii.gov
Sent: Wednesday, February 24, 2016 8:39 PM
To: FINTestimony
Cc: mwyoung@gmail.com
Subject: Submitted testimony for HB2267 on Feb 25, 2016 11:00AM



HB2267

Submitted on: 2/24/2016

Testimony for FIN on Feb 25, 2016 11:00AM in Conference Room 308

Submitted By	Organization	Testifier Position	Present at Hearing
Virginia Young	Individual	Support	No

Comments: Aloha, my name is Virginia Young and I am currently and have been a Hawaii public school teacher for more than 15 years. My high school students are bright, willing and hard working. But they can't begin to have a fighting chance in the world we live in now, let alone tomorrow, without the tools and resources necessary. Digital learning is an absolute must in today's day -- and our students are falling behind when competing with others who have tablets, laptops and updated curriculum readily available. I have been giving serious thought to spending \$500 of my own money to purchase a laptop -- and over the years I have contributed my personal resources when the school's have been lacking. I'm writing to express my personal support for HB 2267 HD1. Please strongly consider passing this measure.

Please note that testimony submitted less than 24 hours prior to the hearing, improperly identified, or directed to the incorrect office, may not be posted online or distributed to the committee prior to the convening of the public hearing.

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LATE

Hawaii State Legislature 2016
The House Finance Committee
11:00 a.m.
February 25, 2016
Room 308

Re: SUPPORT HB 2267 SD 1, Relating to Technology in Schools

Honorable Chair Luke, Vice Chair Nishimoto and members of the House Finance Committee:

Please support HB 2267 HD1. My name is Steve Tokita and I am the parent of a student at a Pearl City middle school. I am also the owner of a small business that employs nearly a dozen people. I graduated from Pearl City High School and the University of Hawaii. As a parent, employer and resident of Hawaii, access to digital learning is important to me because it means opportunities for my child and, more importantly, children across the state.

I see private schools providing laptops, tablets and extensive technology in the classrooms. That is creating a disparity between our public school students and those who attend private schools. I also see that employees who apply to work with me come equipped with a variety of skills ranging from virtually "no" computer skills to those who are very well equipped for the digital age. I believe that support for technology is essential for all of Hawaii. Please advance this bill.

Mahalo for your consideration.

From: mailinglist@capitol.hawaii.gov
Sent: Wednesday, February 24, 2016 9:53 PM
To: FINTestimony
Cc: derasm2016@gmail.com
Subject: Submitted testimony for HB2267 on Feb 25, 2016 11:00AM



HB2267

Submitted on: 2/24/2016

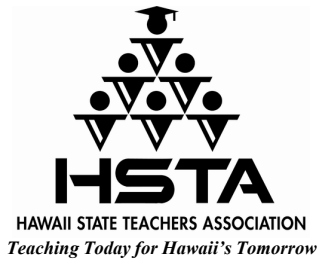
Testimony for FIN on Feb 25, 2016 11:00AM in Conference Room 308

Submitted By	Organization	Testifier Position	Present at Hearing
Deanna Rasmussen	Individual	Support	No

Comments: I am writing to ask that you please support HB 2267 HD1 relating to technology in schools. This bill defines curricular materials to include both printed and digital material. It requires textbook manufacturers to make a digital format of the textbook available for use in public schools. This bill also clarifies that moneys for curricular materials can be used for digital formats and appropriates funds. I am an elementary school teacher for students who speak English as a second language and have been for over 20 years. My students come from Korea, Japan, China and other countries. Computers are essential for them to successfully integrate into Hawaii schools and to be successful in life. Supporting digital learning in public schools will most help students whose families would not otherwise be able to afford the technology that is creating a gap in between them and learners from more affluent families. Please support this bill. Deanna Rasmussen Honolulu, Hawaii

Please note that testimony submitted less than 24 hours prior to the hearing, improperly identified, or directed to the incorrect office, may not be posted online or distributed to the committee prior to the convening of the public hearing.

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Amy Perruso
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Wilbert Holck
Executive Director

TESTIMONY BEFORE THE HOUSE COMMITTEE ON
FINANCE

RE: HB 2267, HD1 - RELATING TO TECHNOLOGY IN SCHOOLS.

THURSDAY, FEBRUARY 25, 2016

COREY ROSENLEE, PRESIDENT
HAWAII STATE TEACHERS ASSOCIATION

Chair Luke and Members of the Committee:

The Hawaii State Teachers Association **provides comments on HB 2267, HD1,** relating to technology in schools, **with suggested amendments.**

In the Information Age, technology is a critical tool for learning. From iPads to eBooks, technological innovation has changed the face of education. It is natural, then, that the delivery of educational content should take advantage of digital innovations to streamline delivery and cut costs, especially for academic texts.

To quote a recent Digital Book World article, “eBooks are not books.” They’re software. Accordingly, they do not need to be bought in bulk to provide access to every student, nor do they wear out over time. Without physical storage limitations, eBooks allow schools to create more dynamic, creativity-driven classrooms. Moreover, eBooks can be easily integrated with audio and visual media to enhance the learning experience in ways that traditional textbooks cannot.

That said, the use of digital texts relies on high-speed Internet service, something that many schools lack. If we move to digital curriculum before improving our bandwidth infrastructure at our schools we will be putting the proverbial cart before our horse. In Molokai and Lanai schools have a low bandwidth that barely allows going on the Internet, let alone moving to an online curriculum.

Thus, we encourage you to amend this measure by further revising §302A-1130.6 to read: “Disbursements from this special account shall be expended by the department for the purposes of purchasing, replacing, or repairing [~~school—textbooks, instructional materials, library books, equipment, or supplies~~] curricular materials, online services, and for expanding internet bandwidth.”

As technology advances, so must our content delivery. Thus, the Hawaii State Teachers Association asks your committee to **support and amend** this bill.