

HB2267 HD1

Measure Title: RELATING TO TECHNOLOGY IN SCHOOLS.

Report Title: Technology in Schools; Digital Format; Appropriation (\$)

Description: 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)

Companion: [SB2606](#)

Package: None

Current Referral: EDU, WAM

Introducer(s): OHNO, BROWER, EVANS, ING, ITO, JORDAN, KEOHOKALOLE, C. LEE, LUKE, MIZUNO, MORIKAWA, OSHIRO, TAKAYAMA, TAKUMI, TOKIOKA, YAMANE, Johanson, Kobayashi, San Buenaventura, Tsuji



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

Date: 03/14/2016
Time: 01:25 PM
Location: 229
Committee: Senate Education

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.

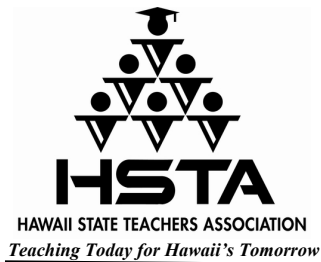
- **\$880,000 for professional development opportunities for educators**

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.



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Wilbert Holck
Executive Director

TESTIMONY BEFORE THE SENATE COMMITTEE ON
EDUCATION

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

MONDAY, MARCH 14, 2016

COREY ROSENLEE, PRESIDENT
HAWAII STATE TEACHERS ASSOCIATION

Chair Kidani and Members of the Committee:

The Hawaii State Teachers Association **supports 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. Thus, we encourage you to amend this measure by revising the definition of curricular materials in Section 2 to read: “Curricular materials” means any systematically organized material designed to provide a specific level of instruction in a subject-matter category, including textbooks, instructional materials, library books, equipment, computer software, digital content accessed through a computer or other electronic medium, digital content available through an internet-based provider of course content, **internet bandwidth to be used for the delivery of digital content**, or supplies used in a particular course of study.”

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

March 12, 2016

Senator Michelle N. Kidani, Chair
Senate Committee on Education
Hawaii State Capitol, Room 228
Honolulu, HI 96813

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

Dear Representative Kidani:

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: Senate Committee on Education, Members
The Honorable Takashi Ohno



TechNet
The Voice of the Innovation Economy

March 11, 2016

The Honorable Michelle N. Kidani
Senate Committee on Education
Hawaii State Capitol, Room 228

RE: HB 2267 - SUPPORT

Thank you Chairwoman Kidani 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.***

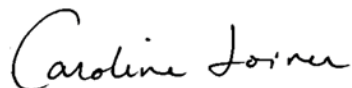
Every day, teachers go into classrooms with dozens of students who learn in different ways and at different paces. They struggle to match each student with the content and instructional approach to ensure each student's personal engagement and success. It's a true testament to the skill and commitment 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 cursive script that reads "Caroline Joiner".

Caroline Joiner
Executive Director
TechNet

From: mailinglist@capitol.hawaii.gov
To: [EDU Testimony](#)
Cc: derasm2016@gmail.com
Subject: Submitted testimony for HB2267 on Mar 14, 2016 13:25PM
Date: Sunday, March 13, 2016 3:32:24 PM

HB2267

Submitted on: 3/13/2016

Testimony for EDU on Mar 14, 2016 13:25PM in Conference Room 229

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 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 currently serving and have served as an elementary school teacher for students who speak English as a second language 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 HB 2267 with funding to help Hawaii public school learners. 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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March 14, 2016

To: Senate Education Committee

From: Donna Block

Re: Support for HB 2267

Aloha Chair Kidani, Vice Chair Harimoto and Members of the Senate Education Committee. My name is Donna Block. I am a resident of Waikele and the parent of two adult children, both of whom are now pursuing college degrees. I am a graduate of Aiea High School and the University of Hawaii and have worked for more than 20 years in the area of engineering, technology and security. Digital learning for Hawaii's public school students is essential for our state's economy and the future of our country.

Please support HB 2267.

Aloha Chair Kidani, Vice Chair Harimoto, and Members of the Senate Committee on Education. My name is Peter Farrell. Thank you for the opportunity to testify in support of HB 2267, which will extend the definition of curricular materials to include digital materials. I support any effort to modernize Hawaii's public school resources, as my wife and I moved back to Oahu with the intent of starting our family here.

The future of Hawaii's economy depends on the learning opportunities that we provide for our keiki. Many of Hawaii's private schools have been utilizing digital materials in the classroom for the past decade. HB 2267 will help bridge the technology gap between our private and public schools.

HB 2267 may also help Hawaii's schools to maximize available funds. During my undergraduate studies, I found that digital materials were often substantially more affordable than their print format counterparts, while being very similar in contents and layout. HB 2267 will allow Hawaii's schools to purchase curriculum in the more affordable digital format without sacrificing the educational quality of the materials. Please support Hawaii's keiki by advancing HB 2267.

Mahalo for your consideration,

Peter Farrell

From: mailinglist@capitol.hawaii.gov
To: [EDU Testimony](#)
Cc: pcsteve2016@gmail.com
Subject: Submitted testimony for HB2267 on Mar 14, 2016 13:25PM
Date: Sunday, March 13, 2016 8:46:58 PM

HB2267

Submitted on: 3/13/2016

Testimony for EDU on Mar 14, 2016 13:25PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
Steve Tokita	Individual	Support	No

Comments: Re: SUPPORT HB 2267 SD 1, Relating to Technology in Schools
Honorable Chair Kidani, Vice Chair Harimoto and members of the Senate Education 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, I am very aware that access to digital learning is important. It means opportunity 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 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.

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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March 14, 2016

To: Senator Kidani and Members of the Senate Education Committee

Re: HB 2267

Aloha, my name is Virginia Young and I have been a public school teacher for more than 15 years.

Digital learning is an absolute must for today's workforce -- 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.

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 to excel.

I'm writing to express my personal support for HB 2267.

Please strongly consider passing this measure and providing funding for digital devices in public schools.