



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

Date: 02/03/2016
Time: 02:00 PM
Location: 309
Committee: House Education

Department: Education

Person Testifying: Kathryn S. Matayoshi, Superintendent of Education

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

Purpose of Bill: Defines curricular materials to include both printed and digital material. Requires textbook manufacturers to make a digital format of the textbook available for use in public schools. Clarifies that moneys for curricular materials can be used for digital formats. Appropriates funds.

Department's Position:

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

Printed and Digital Curricular Materials

Given the Department's concerns regarding possible unintended consequences as related to restrictions on purchasing curricular materials and current procurement law and Department regulations in place, we respectfully suggest the removal of Section 1, Lines 4 - 13.

Section 1, Lines 4-10, requests that printed curricular materials also be made available in an equivalent digital format. The Department has concerns regarding this section as it may limit the scope of materials that schools may seek to purchase. For example, many classrooms utilize resources native to Hawaii and manipulatives which may not be available in digital format.

Section 1, lines 11-13, proposes to allow schools to purchase digital formats of curricular materials. Existing procurement law and Department regulations guide school choice regarding the purchase, replacement, and repair of curricular materials. Chapter 103D-102, Hawaii Revised Statutes, and Chapter 3-120, Hawaii Administrative Rules, provide an exemption for the Department to purchase curricular materials. The exemption allows the Department to purchase research, reference, and educational materials, including books, maps, periodicals, and pamphlets, which are published or available in print, video, audio, magnetic, or electronic forms, including web-based databases.

Updating Definition of Curricular Materials

The Department supports the proposed amendments in Sections 2 and 3. Further, the Department proposes Section 2, lines 14 and 15, to be amended to include revision to Hawaii Administrative Rules, Title 8, Chapter 57, Restitution for Damaged and Lost Books, Equipment, Supplies, and Outstanding Financial Obligations.

Sections 2 and 3 support a modernization of existing statutes to include digital content and instructional materials. Amendments offered in these sections support the use of digital devices in the classroom and allow digital curricular materials to be purchased, replaced, or repaired.

Digital Device Support

The Department is appreciative of the Legislature's inclusion of a \$12.8 million appropriation to support the Future Ready Program.

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.

Section 4 appropriates \$12.8 million for fiscal year 2016-17 for digital devices for teachers and students to use in public school classrooms. Proposed additional general funding will allow schools to purchase needed digital devices. Additional professional development opportunities for educators will 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.

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 Relating to Technology in Schools
DATE: Wednesday, February 03, 2016
TIME: 2:00 PM
COMMITTEE(S): House Committee on Education
ROOM: Conference Room 309
FROM: Tom Hutton, Executive Director
State Public Charter School Commission

Comments regarding HB 2267

Chair Takumi, Vice Chair Ohno, and members of the Committee:

The State Public Charter School Commission appreciates the opportunity to submit these comments. It appears that this proposal is intended to apply to the Department of Education (DOE) schools, but when proposed legislation addresses “public schools,” this generally is understood to include public charter schools. If the proposed requirements are intended to apply to curricular materials in the DOE only, we respectfully request that the bill be amended to change the references to “public schools” to say “department schools.” We 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.

Thank you for the opportunity to provide this testimony.



TechNet
The Voice of the Innovation Economy

February 1, 2016

Chairwoman Roy Takumi
House District 35
Hawaii State Capitol, Room 444

RE: HB 2267 - SUPPORT

Thank you Chairman Takumi 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.***

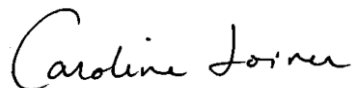
Every day, teachers go into classrooms with dozens of students who learn in different ways and at different paces. They struggle to match each student with the content and instructional approach to ensure each student's personal engagement and success. It's a true testament to the skill and commitment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

February 2, 2016

The Honorable Roy M. Takumi, Chair
House Education Committee
Hawaii State Capitol, Room 444
Honolulu, HI 96813

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

Dear Representative Takumi:

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 Education Committee, Members
The Honorable Takashi Ohno

HB2267

Submitted on: 2/2/2016

Testimony for EDN on Feb 3, 2016 14:00PM in Conference Room 309

Submitted By	Organization	Testifier Position	Present at Hearing
Donna Block	Individual	Support	Yes

Comments:

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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February 3, 2016

To: Senate Education Committee

From: Donna Block

Re: Support for HB2267

Aloha Chair Takumi, Vice Chair Ohno and Members of the House Education Committee. My name is Donna Block. I am 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 HB2267.

Hawaii State Legislature 2016
The Senate Education Committee
1:15 p.m.
February 3, 2016
Room 309

Re: **SUPPORT** HB 2267 Relating to Technology in Schools

Honorable Chair Roy Takumi, Vice Chair Takashi Ohno and members of the House Education Committee:

Please support HB 2267 relating to technology in schools. 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.

LATE

February 3, 2016

To: Roy M. Takumi, Chair

Takashi Ohno, Vice Chair

Members of the House Committee on Education

From: Vrindi Van Osdol

Subject: Support of HB2267, Relating to Technology in Schools

Aloha! My name is Vrindi Van Osdol and I am currently a senior at Kalaheo High School. I strongly support HB2267, and would like to ask for your support in requiring textbook manufacturers to make a digital format of the textbook available for use in public schools.

Knowledge is always expanding and as such new discoveries are being made every day. While this is generally a good thing, in the case of textbooks it just makes getting current materials more expensive. If schools were to purchase new textbooks every year for each of their students, the yearly costs would be enormous. By allowing students to have access to and use digital textbooks not only could schools acquire new and updated source materials, but they could also provide textbooks to every single student.

Most classrooms, because of costs, are unable to provide textbooks for every single one of their students. As such most students have to share textbooks with one another and this makes them unable to bring the textbooks home. In addition to this, once a textbook is assigned to a student they are responsible for it and are expected to cover the costs of any damage. Students however, are often forgetful, and most choose to leave their textbooks at school to avoid the possibility of damaging them. This causes many students to not have access to the materials they need when doing work at home. If they were to have access to a digital copy then they would be able to access the copy whenever, this also prevents the causation of damage and theft to the more common printed versions.

Kalaheo High School has started one to one technology for students. All Freshmen have been provided laptop to use for their four years of school. This will allow them better access to online materials such as digital textbooks, online resources, and other possible sources of information which could be used in the classroom. If textbook companies were to be required to provide digital versions of their textbooks to schools then this would only increase students access to it as well as decreasing the overall costs of buying textbooks.

With this in mind, I humbly ask that you consider supporting HB2267. Thank you for your time and consideration.



LATE

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Executive Director

TESTIMONY BEFORE THE HOUSE COMMITTEE ON
EDUCATION

RE: HB 2267 - RELATING TO TECHNOLOGY IN SCHOOLS.

WEDNESDAY, FEBRUARY 3, 2016

COREY ROSENLEE, PRESIDENT
HAWAII STATE TEACHERS ASSOCIATION

Chair Takumi and Members of the Committee:

The Hawaii State Teachers Association **provides comments on HB 2267**, 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 distribution of use of digital texts relies on access to high-speed internet service, something that many schools lack. 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 and online services.”

We are additionally concerned that the publishers of many texts used by local teachers do not make digital copies available, such as the University of Hawai’i

Press's "Land and Power" by George Cooper and Gavan Daws, a preferred text by many AP Government instructors. Hawaiian language and Native Hawaiian and Polynesian studies texts, too, can be difficult to obtain in digital format. We encourage your committee, therefore, to ensure that the bill does not unintentionally restrict curricular materials or academic freedom by deleting Section 1 of this bill.

As technology advances, so must our delivery of educational content. Therefore, the Hawaii State Teachers Association asks your committee to **amend** this bill.