

Educational Access Final Report for Academic Year 2011-12 October 2012

Introduction

The following report is an overview of the Educational Access (EA) activities for the 2011-12 school year. This report was compiled by the Hawaii Educational Networking Consortium's (HENC) Education Program Manager as a condition of the Educational Access agreement between 'Olelo, Community Media and the Hawaii Educational Networking Consortium.

This report is divided into four major sections that include:

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Section 1.0.0 - The Channels and their Programming

Section 1.1.1 - EA Programming

The following table summarizes the programming activities for the two Educational Access channels on Oahu known as TEC and TEACH (Respectively Oceanic Cable digital channels 355 and 356). The following table reflects a composite of the hours of programming compiled from the data supplied by the University of Hawaii (UH) and the State of Hawaii Department of Education (HDOE). An unaudited copy of each entity's required benchmark report can be found in Appendix 1 and 2 of this report. Programming hours are as follows:

Programming Hours by Type, by Channel	Total Hours of Programming 2011 - 2012	Hours of Locally Produced Programming 2011-2012	Hours of Repeat Programming 2011-2012
Channel 355 -- TEC University of Hawaii	8,784	3,662	3,742
Channel 356 -- TEACH HDOE/Video Technology Group	8,168	2,648	2,899
EA Channels Total	16,952	6,310	6,641

Section 1.1.2 - Programming Comments

The TEC channel (previously analog 55) was relocated to Oceanic digital channel 355 (QAM 46.55) prior to the start of the Fall 2011 semester. Free digital cable boxes were made available to subscribers who could no longer view this channel. There were no significant issues identified with the transfer of the channel.

Channel 56 was slated to be moved to 356 (QAM 46.56) at the end of the 2011 calendar year but was placed on hold until issues relating to neighbor island franchises could be resolved.

Section 1.1.3 - Other Channel Related Issues

No issues requiring resolution were identified during the reporting period.

Section 2.0 - The 2011-12 Awards

In the plan for the 2011-12 school year, the Hawaii Educational Networking Consortium recommended three core awards for the purpose of developing and delivering educational programming on the Oahu TEC and TEACH access channels. The use of the award funds are described below:

Section 2.1.0 - Award No. 1

Department of Education, Video Technology Group, State of Hawaii

Section 2.1.1 - HDOE 2011-12 Annual Award Funding Review

The term of this report is for the academic school year of July 1, 2011 to June 30, 2012. The Educational Access funds awarded by the 2011-12 EA Plan to the HDOE's Video Technology Group (VTG) for this calendar year period include:

\$428,208 - HDOE 2011-12 core programming funds award.

\$ 00,000 - Supplemental Programming funds awarded.

\$428,208 - Total funds allocated for review in this report.

Section 2.1.2 - Award No. 1 - HDOE Annual Review

During the reporting period the HDOE continued to cablecast its core programming which includes:

A.P. Calculus; A.P. Statistics; Artists of Hawaii; Arts Smarts; Choices; Exploring the Islands; Hawaii Student Digital Showcase; Japanese for Kids 3-4; KidPhysics; Mandarin for Kids K-2; Mandarin for Kids 3-4; MOVE - Mililani Oceanic Video Exploration; Music Factory K-2; Music Factory 3-4; Viewpoints; and, Voices and Wings.

Other non-core programming completed and currently airing during the 2011-

12 reporting period included: Race to the Top, Best Practices; "Thirst" Artist Profiles; Common Core College Readiness; and, Hawaiian Legends in conjunction with Pacific Resources for Education and Learning (PREL).

In addition, the Video Technology Group has added the following titles to its current programming schedule: Architects of Change; Wall Street, World Financial Center; Time for Math Series; Little Fables; Biology Series, The Life of Birds; Symbols of America; Crafty Kids; That's Imagination; What's up in Space; and, a ten part series on the human body.

During the review period the TEACH channel continued to collect, package and deliver the one-hour monthly program Hawaii Students Digital Showcase (HSDS). This student-supplied monthly one hour video show features productions from elementary, middle, and high school videos submitted by Hawaii's private and public schools.

Current information regarding Video Technology Group's programming is available via the Internet at the Video Technology Group website:
<http://www.video.k12.hi.us/tv-schedule>

Section 2.1.3 - HDOE Supplemental Programming

No new supplemental programming (SP) funds were allotted to the Video Technology Group during the reporting period.

Section 2.1.4 - HDOE Award 2011-12 School Year Summary

This report shows a total of 8,168 programming hours provided by the HDOE during the academic year of 2011-12. During the reporting period HDOE has continued to identify ways to replace resources previously available to the Video Technology Group branch prior to the downsizing.

During the reporting period the Video Technology Group assisted in the conversion and testing of the joint playback facility at the University of Hawaii. The necessary format conversion of the VTG programming has been completed as well as a successful testing phase. Initial discussions relating to the K-12 VOD channel are ongoing with the UH, HAIS and Oceanic cable.

No failings or shortcomings of Channel 356 or of the Video Technology Group were observed during the reporting period.

Section 2.2.0 - Award No. 2 Hawaii Association of Independent Schools (HAIS)

Section 2.2.1 - HAIS 2011-12 Award Funding Review

The term of this report is for the academic school year of 2011-12. This period is from July 1, 2011 to June 30, 2012. The Educational Access funds awarded to the Hawaii Association of Independent Schools for this review period include:

\$ 72,188 - HAIS 2011-12 core programming funds award.
\$ 60,000 - Hawaii Schools Digital Media Grants for 2011-12 school year.
\$132,188 - Total funds allocated for review in this report.

Section 2.2.2 - Award No. 2 - HAIS Annual Review

During the reporting period HAIS completed production of twelve new programs. All of the completed programs have been delivered for scheduling and playback. HAIS continues to have regularly scheduled time slots on the TEACH Channel. The three weekly Channel 355 timeslots are on Sundays at 4:00PM, Thursdays at 4:00PM and Saturdays at 2:30PM.

Below is a list of the twelve videos completed by HAIS during the reporting period:

1. Linking Garden Lessons to Classroom Curriculum, Benchmarks, and Standards by Koh Ming Wei and Amanda Rieux
2. The Whole Child: Integrated Garden Curriculum, Healthy Lunch, and Lifelong Wellness by Sarah Sullivan
3. Design Thinking Workshop for educators by Design Thinking Hawaii
4. Using ePortfolios for Assessment (Schools of the Future Conference)
5. Kids Going Google: Google Apps in the Classroom (Schools of the Future Conference)
6. Pomaikai Elementary School: An Arts Integrated Approach to Learning
7. Gardens as Living Classrooms (Punahou School, St. Anthony School, and University Laboratory School)
8. Waimea Middle Public Conversion Charter School: Integrating Cultural Values into Curriculum
9. Kipuka Kalani'iki: Kalani High School's Sustainability Program
10. Growing Greener Schools with Paul Chapman
11. Thoughts on Education with Dr. Michael Chun, recently retired headmaster of Kamehameha Schools Kapalama campus and Dr. Val Iwashita, recently retired headmaster of 'Iolani School
12. The Importance of Early Education

Section 2.2.3 - HAIS Supplemental Funding

The Hawaii Educational Networking Consortium approved and HAIS distributed \$60,000 in Hawaii Schools Digital Media grants ranging in size from \$500 to \$2,500 to Hawaii schools at the start of the 2011-12 school year.

The 2011-12 Hawaii Schools Digital Media grants to K-12 schools comprise the ninth year of the project. During these years a total of \$520,000 has been awarded directly to the classroom. The funds are used to develop and expand the capacity of both public and private elementary, intermediate and secondary schools to produce video programming appropriate for cablecast on the Educational Access channels.

As part of this undertaking HAIS promotes to public and private schools the digital media awards by providing a mechanism to acquire and submit grant applications for their projects at the start of each school year. All grant awards are tied to minutes of video programming submitted during the 2011-12 academic year.

Below is a list of the names of the schools that received 2011-12 HSDMI awards and the amount of the grant:

Name of School Receiving Award	Award Amount
Sacred Hearts Academy	\$500
Kalakaua Middle School	\$1,000
Waikiki Elementary School	\$1,500
Hawaii Preparatory Academy	\$2,500
Hawaii Preparatory Academy	\$1,000
Queen Ka'ahumanu Elementary	\$1,000
Damien Memorial School	\$1,000
Noelani Elementary School	\$1,000
Huakailani School	\$2,000
Sacred Hearts Academy	\$2,000
Kainalu Elementary School	\$1,000
Waianae Intermediate School	\$2,000
Punahou School	\$1,000
Mid-Pacific Institute	\$1,000
Waimea High School	\$1,000
Montessori School of Maui	\$1,500
Hawaii Technology Academy	\$2,500
Makalapa Elementary School	\$1,500
Christian Academy	\$1,000
Ka Waihona o ka Na'auao PCS	\$1,000
Maryknoll School	\$500

Island Pacific Academy	\$2,500
Ke Kula 'O Nawahiokalani'opu'u	\$1,000
Honoka'a High and Intermediate School	\$1,000
Maui Waena Intermediate School	\$2,000
Fern Elementary School	\$500
Wai'anae Elementary	\$2,500
Lahainaluna High School	\$2,000
Ma'ili Elementary	\$1,000
Moanalua High School	\$1,000
Lunalilo Elementary	\$1,000
Hualalai Academy	\$500
Island School	\$1,000
Pauoa Elementary School	\$1,000
Kealakehe High School	\$2,500
Ho'ala School	\$500
Iolani School	\$1,000
St. John Vianney Church	\$1,000
President Theodore Roosevelt High School	\$1,000
Kamaile Academy PCS	\$1,000
Hongwanji Mission School	\$1,000
Farrington High School	\$1,000
Parker School	\$1,000
St. Anthony School	\$1,000
Christian Liberty Academy	\$2,000
Aliamanu Middle School	\$1,000
Waimanalo Elementary and Intermediate School	\$500
Hawaii Academy of Arts & Science PCS	\$1,000
Montessori Hale O Keiki	\$500
Waialua Elementary School	\$500
Maryknoll High School	\$500
Assets High School	\$1000
Waipahu High School	\$500
Le Jardin Academy	\$1000
Niu Valley Middle School	\$500
Waipahu Intermediate School	\$1000

\$60,000

Section 2.2.4 - HAIS Award Annual Summary

Hawaii Association of Independent Schools continued to regularly produce quality programs during the reporting period. The range of programming includes subject matter on the cutting edge of education such as Schools of the Future, Integrated Garden Curriculum, Design Thinking, and School Sustainability.

The HAIS programming is valuable to the Educational Access cable subscriber

community as it portrays a different aspect for EA. The HAIS videos positively impact the quality of educators, administrators, students and parents of both public and private schools in the State of Hawaii.

HAIS also provides a valuable contribution to the Hawaii Schools Digital Media Initiative. HAIS oversees and promotes the digital media program by collecting all grant applications, helping to assess the applications, administers the project financials and the reporting. A full assessment of the 10 year HSDMI project is provided in Appendix 3 of this report.

Section 2.3.0 - Award No. 3 University of Hawaii (UH)

Section 2.3.1 - UH 2011-12 Award Funding Review

The term of this report is for the academic school year of 2011-12. This period is from July 1, 2011 to June 30, 2012. The Educational Access funds awarded to the University of Hawaii for this review period include:

\$501,363 - UH 2011-12 school year core programming funds award.

\$ 79,861 - UH Supplemental Programming funds awarded (see Section 2.3.3 below).

\$581,224 - Total funds allocated for review in this report.

Section 2.3.2 - Award No. 3 - UH Annual Review

The core of the University of Hawaii programming continues to focus on credit courses that allow students to regularly advance toward an Associate of Arts (AA) degree through a combined use of cable TV, the Internet and interactive television.

During the current reporting period the University of Hawaii system added the following five new or revised credit class programs. All of the following classes are currently airing. These classes include:

1. Biology 171;
2. Culinary 112;
3. Exercise Science 100;
4. Information and Computer Science 141; and,
5. Zoology 200.

To augment credit course availability more recent additions to the UH programming line-up include: Anthropology 200; English 210; and, Hawaiian 101.

Additionally new locally produced information programs completed by the UH include programs entitled: Bibliovision; English Department Colloquium; Invasive Species; Island Connections; TIM School Lecture Series and, UH Guest Lectures.

For current and complete information regarding cable courses and the long-term schedule for classes leading to an Associates of Arts degree reference: <http://www.hawaii.edu/dlit/UHTV/prmg.html>

Section 2.3.3 - UH Supplemental Programming

Two requests were made for supplemental funding for the University of Hawaii during the year for use of the 2011 Educational Access funding. The first request was stated in the 2011-12 plan as an award of \$69,375 to partially fund the continuation of the build-out of the joint Educational Access playback facility housed on the University of Hawaii Manoa campus.

The new playback facility for Educational Access programming includes a state-of-the-art Omneon broadcast server solution. The system in its current form is a 4 channel Serial Digital Interface (SDI) format that can be easily upgraded to handle more channels as well as high definition format for future flexibility. This system currently houses 16 terabytes (TB) of online RAID 5 (redundant array of independent disks) storage to insure redundancy in case of drive failure. It also has an additional 16TB of archive capacity for offline storage of video files.

Additionally, prior to the end of the calendar year 2011 a request for \$10,486.50 was made on the part of the UH for on-going vendor support and maintenance of equipment for the Educational Access playback facility. Both of the above expenditures are shown in the Section 3.0 Funding Summary.

Section 2.3.4 - UH Award Annual Report Summary

The UH continues to advance with their long-term plan and objectives for the continual refinement of the Associates of Arts degree with a range of delivery options. During the reporting period UH provided 8,784 hours of programming for the TEC channel (on Oahu digital 355 and QAM 46.55). A total of 80 credit courses were offered by the UH during the academic year.

During the reporting period DLUS staff continued to meet regularly with the various producers/directors of Leeward, Honolulu and Kapiolani Community Colleges to discuss needs and to establish a budget for funding and structure a method for long term scheduling of credit classes. This group also addresses the concerns of each campus and their video producers and instructional designers to allow for the continual improvement in the quality of their cable course offerings.

The addition of the new playback system (described above in Section 2.3.3) has added a great deal of flexibility to the UH system. For example, prior to the new playback system, community college producers were required to edit productions on their campuses, export the video files to DVD format and physically deliver the DVD's to the Manoa campus. UH Manoa would then have to import the footage

manually and load the files for playback. All are time consuming processes.

With the new system, the community colleges export a digital file direct from their computer editor and File Transfer Protocol (FTP) it to the new server facility for scheduling and playback. This process in itself has improved the video quality and transfer reliability. It also saves time, manpower, media and miscellaneous costs to each community college and the Manoa campus.

Section 3.0.0 - Funding and Report Summary

Section 3.1.1 - 2011 Funding Summary

The following is a summary of all funds available and expended from the 2011 Educational Access funds:

TOTAL FUNDING

Total 2011 Educational Access Funding: \$1,181,620.00

PLANNED EXPENDITURES

3.0.1 - Department of Education, State of Hawaii

DOE Core Programming Award:	\$428,208.00
Supplemental Programming:	<u>\$ 00,000.00</u>
Total 2011- DOE Award:	\$428,208.00

3.0.2 - Hawaii Association of Independent Schools

HAIS Core Programming Award:	\$ 72,188.00
2011-12 Hawaii Schools Digital Media Grants:	<u>\$ 60,000.00*</u>
Total 2011 HAIS Award:	\$ 132,188.00

3.0.3 - University of Hawaii

UH Core Programming Award:	\$501,363.00
Supplemental Programming:	<u>\$ 79,861.00**</u>
Total 2011 UH Award:	\$570,738.00
2011 Educational Access management fee:	<u>\$ 40,000.00</u>
Total 2011 EA Funds accounted for in this report:	\$1,181,620.00

2011 YEAR END BALANCE

Balance of Funding: \$ 00,000.00

Footnotes:

*EA again funded the school video programming grant program entitled the Hawaii Schools Digital Media Initiative. For the 2011-12 school year the amount of \$60,000 was funded to HAIS and this amount was directly awarded in grants for programming from public and private K-12 schools.

** The University of Hawaii was awarded \$79,861 during the reporting period to partially fund the continuation of the build out of the joint Educational Access playback facility housed on the University of Hawaii at Manoa campus (see funding details in Section 2.3.3 of this report).

Section 3.1.2 - 2012 Funding Summary

The following is a summary of all funds available and expended according to the 2011-12 plan from the 2012 Educational Access funds:

TOTAL FUNDING

Total 2012 Educational Access Funding: \$1,221,795.00

PLANNED EXPENDITURES

3.0.1 - Department of Education, State of Hawaii

DOE Core Programming Award:	\$ 214,104.00
Supplemental Programming:	<u>\$ 00,000.00</u>
Total first half 2012 DOE Award:	\$ 214,104.00

3.0.2 - Hawaii Association of Independent Schools

HAIS Core Programming Award:	\$ 36,094.00
Supplemental Programming:	<u>\$ 00,000.00</u>
Total first half 2012 HAIS Award:	\$ 36,094.00

3.0.3 - University of Hawaii

UH Core Programming Award:	\$ 250,681.00
Supplemental Programming:	<u>\$ 00,000.00</u>
Total first half 2012 UH Award:	\$ 250,681.00
2012 Educational Access management fee:	<u>\$ 20,000.00</u>

Total 2012 EA Funds accounted for in this report: \$ 520,879.00

BALANCE OF 2012 EDUCATIONAL ACCESS FUNDS FOR 2012-13 PLANNING PURPOSES

Balance of 2012 Funding: \$ 700,916.00

Section 3.1.3 - EA Final Report 2011-12 Summary

For the 2011-12 academic year the two channels provided nearly 17,000 hours of Educational Access programming during the reporting period. More detailed information on these programming hours can be found in Appendix 1 and 2 at the end of this report.

The most significant happening for Educational Access during the reporting period is the partial implementation of the new EA joint playback facility on the Manoa campus. This new digital playback system was designed to keep abreast of the changes in the cable industry and to allow for the future growth and expansion of educational access programming within the State of Hawaii.

With this new playback system EA can offer highly reliable, high-quality, direct digital connectivity to both of Oahu's franchise holders. Additionally the system allows for playback of both the DOE (TEACH) channel and the UH (TEC) channel, and is expandable to meet the needs of the future franchise required educational channel.

In early testing of the new playback system it appears that the digital system will vastly improve the signal quality of the channels. This is important to EA as many of the credit program producers have demanded enhanced visual detail to communicate the correct information to their students.

During this reporting period an eleven page report detailing the Hawaii Schools Digital Media Initiative was compiled and distributed to the 26th Hawaii State Legislature. The report details ten years of the project and the encouragement the program has provided in the development of the state's digital workforce via Hawaii's K-12 public and private schools. From the beginning the HSDMI goals were to instill and encourage the development of an early skill set that would help to feed entrants to local and national award competitions. The full report attached to this document as Appendix 3.

The continuing improvement in both of the Educational Access channels would not be possible without the continuing support of 'Olelo. The Hawaii Educational Networking Consortium would like to thank them for their continued support of Educational Access programming during the 2011-12 academic year.

This report finds the program producing entities and the Educational Access channels to be in full compliance with the terms of Educational Access Agreement signed in 1998. If this is not found to be the case the Education Program Manager, upon request, will attempt to resolve any issues, concerns or conflicts with 'Olelo and the Department of Commerce and Consumer Affairs relating to the matters covered in this document.

The following individual is the primary contact for this report:

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Section 4.0 - Appendices

Appendix 1. - UH Programming Matrix

Appendix 2. - HDOE Programming Matrix

Appendix 3. - Report: Hawaii Schools Digital Media Initiative 2003-2012

Appendix 1.

UH Programming Matrix Summer II/Fall 2011 & Spring/Summer I 2012

UH 2011-12 Educational Access Progress Report

Name of Grantee: University of Hawaii

Contact Person: Hae K. Okimoto

Dates Covered in this Report:

July 1, 2011 - June 30, 2012

UNITS OF MEASURE	Summer II & Fall 2011	Spring & Summer I 2012	Year to Date
number of hours of credit courses*	3332	3009	6341
• locally produced	1523	1494	3017
• purchased/ produced elsewhere	0	0	0
• live	0	0	0
• tape delayed	3332	1298	4630
• rebroadcast	1809	1516	3325
number of hours of non-credit programs*	0	0	0
• locally produced	0	0	0
• purchased/ produced elsewhere	0	0	0
• live	0	0	0
• tape delayed	0	0	0
• rebroadcast	0	0	0
number of hours of informational programs*	1084	1359	2443
• locally produced	417	224	641
• purchased/ produced elsewhere	546	840	1386
• live	0	4	4
• tape delayed	539	220	759
• rebroadcast	122	295	417
number of credit courses	36	44	80
number of non-credit programs	0	0	0
number of informational programs (local)	14	12	26
number of students enrolled in credit courses	733	675	1408

* 1st broadcast, does not include rebroadcasts

Significant Achievements**Notes:**

locally produced # does not include rebroadcast

tape delayed = total # hours tape delayed

therefore, tape delayed = original + rebroadcast

**University of Hawaii Cable Programming During 2011-12
Credit Courses**

January – June 2012

Anthropology 200	
Art 111	Marketing 160
Biology 100, 171*, 172	Management 122
Botany 101 & 130	Math 9, 16, 24, 25
Business 320	Math 100, 103, 115
Business Law 200	Microbiology 130
Culinary 112*	Pharmacology 203
East Asian Lang & Lit 271, 272	Physical Science 122
Education 285	Psychology 180
English 22	Science 122
Exercise Science 100*	Speech 151, 251
Food Science & Human Nutrition 185	
Geography 101	
Geology 101	
Hawaiian 101	
Info. Comp. Sci 111, 141*, 186, 187, 241	* = new programs

July – December 2011

Anthropology 200	Marketing 300
Art 111	Math 9, 16, 24, 25
Biology 171	Math 103, 115
Botany 101 & 130	Microbiology 130
Business 320	Pharmacology 203
East Asian Lang & Lit 271, 272	Physical Science 122
Exercise Science 100	Psychology 180, 240
Food Science & Human Nutrition 185	Science 122
Geography 101, 102	Speech 151, 251
Geology 101	Zoology 200*
Hawaiian 101	
Horticulture 197	
Info. Comp. Sci 111, 141, 184, 211, 241	
Japanese 131	
Law 111	* = new programs

Informational Programs
Locally Produced

Bibliovision*
Distinguished Lecture Series
English Dept. Colloquium*
Emeritus College
Family Caregivers
Focus on UHH
Invasive Species*
Island Connections*
John Hope Franklin Lecture
Kupuna Connection
N.H. Paul Chung Lecture Series

SHIG Happens
Student Success*
Take Charge of Your Money 3
TIM School Lecture Series*
Tomorrow's Table Lecture*
Topics Hawaii
UH Guest Lectures*

* = *new programs*

Informational Programs
Produced Elsewhere

Biology of Small Life
Classic Arts Showcase
Exploring the Diversity of Life
UWTV
Various

Appendix 2.
HDOE Programming Matrix
2011

HDOE 2011-12 School Year Educational Access Progress Report

Name of Grantee: Hawaii State Department of Education/Video Technology Group

Contact Person: Barry Nakasone

Dates Covered in this Report: July 1, 2011 to June 30, 2012

UNITS OF MEASURE	July 1 - Dec 31, 2011	Jan 1 - June 30, 2012	Total
Number of hours of programming	4098	4070	8168
Number of hours of credit courses			
• Live	115	126	241
• Taped delayed	198	133	331
• Rebroadcast	115	126	241
Number of hours of non-credit programs			
• Live	14	23	37
• Taped delayed	920	1119	2039
• Rebroadcast	14	23	37
Number of hours of educational programming From non HDOE Institutions			
• Taped delayed	1361	1260	2621
• Rebroadcast	1361	1260	2621
Number of students enrolled/using programs*	22,875	22,875	45,750

* This number is only a broadly defined estimate as the HDOE has no official student registration reporting requirements for Video Technology Group course usage.

Appendix 3.

Report

Hawaii Schools Digital Media Initiative (HSDMI) 2003-20

Hawaii Schools Digital Media Initiative - 2003-2012

Fostering the development of a digital workforce through K-12 creativity.

The Hawaii Schools Digital Media Initiative (HSDMI) originates from an unusual model that differs from most workforce development programs. Conceived and formalized in July 2003, the Hawaii Schools Digital Media Initiative uses funds from cable television subscribers to directly drive K-12 classroom based digital learning.

The original vision of the Hawaii Schools Digital Media Initiative was stated as:

Hawaii schools, public and private, shall be the world leaders in preparing students to master the use of digital media to create, educate, communicate, and inspire.

The Hawaii Association of Independent Schools (HAIS) administers the HSDMI program with funding support from the Hawaii Educational Networking Consortium (HENC). Each school year HENC/HAIS solicits applications for annual awards that go directly to classrooms and classroom instructors who have detailed and defined a focus on the development of sustainable school curriculum. Schools who have received awards include K-12 public, private as well as charter schools within the State of Hawaii.

From 2003 through the 2011-12 school year the Hawaii Schools Digital Media Initiative has awarded a total of \$520,000 directly to the Hawaii's classrooms. NO government monies are used to fund these annual awards.

In return for the monetary award the school agrees to provide video programming acceptable for use on the Educational Access channels of PEG. During the life of this program the Hawaii State Department of Education's Video Technology Group has compiled individual video projects from the grant schools and assembles a one-hour monthly video program shown on their access channel (Oceanic Channel 356, QAM 46.56) on a weekly basis. This hour long program is entitled *Hawaii Student Digital Showcase*.

HSDMI records from January 2007 to present show that 1,216 individual video projects have been submitted to the HDOE Video Technology Group from schools relating to HSDM grant awards for school years from 2006-2011. Categories for these individual projects vary in format from news stories to PSAs, from computer-generated animation to documentaries. During this reporting period (through March 2012) 41 one-hour programs have been produced and aired by the HDOE Video Technology Group.

For the 2011-2012 school year there were 59 awards. The schools receiving HSDMI funding include:

School	Actual Award
Sacred Hearts Academy	\$1,000
Kalakaua Middle School	\$2,000
Waikiki Elementary School	\$1,000
Hawaii Preparatory Academy	\$1,000
Hawaii Preparatory Academy	\$500
Queen Ka'ahumanu Elementary	\$1,000
Damien Memorial School	\$500
Noelani Elementary School	\$1,500
Huakailani School	\$500
Sacred Hearts Academy	\$1,000
Kainalu Elementary School	\$1,500
Waianae Intermediate School	\$1,500
Punahou School	\$1,000
Mid-Pacific Institute	\$2,500
Waimea High School	\$1,500
Montessori School of Maui	\$1,000
Hawaii Technology Academy	\$1,000
Makalapa Elementary School	\$500
Christian Academy	\$500
Ka Waihona o ka Nāauao PCS	\$2,000
Maryknoll School	\$500
Island Pacific Academy	\$1,000
Ke Kula 'O Nawahiokalaniopūu	\$1,000
Honoka'a High and Intermediate School	\$2,000
Maui Waena Intermediate School	\$1,000
Fern Elementary School	\$500
Wai'anae Elementary	\$1,000
Lahainaluna High School	\$500
Ma'ili Elementary	\$500
Moanalua High School	\$2,000
Lunalilo Elementary	\$2,000
Hualalai Academy	\$1,500
Island School	\$500
Pauoa Elementary School	\$2,000
Kealakehe High School	\$2,500
Ho'ala School	\$1,000

Iolani School	\$1,500
St. John Vianney Church	\$1,000
President Theodore Roosevelt High School	\$1,000
Kamaile Academy PCS	\$500
Hongwanji Mission School	\$1,000
Farrington High School	\$1,000
Parker School	\$500
St. Anthony School	\$2,000
Christian Liberty Academy	\$500
Aliamanu Middle School	\$1,500
Waimanalo Elementary and Intermediate School	\$500
Hawaii Academy of Arts & Science PCS	\$1,000
Montessori Hale O Keiki	\$500
Waialua Elementary School	\$500
Maryknoll High School	\$500
Assets High School	\$1,000
Waipahu High School	\$500
Le Jardin Academy	\$1,000
Niu Valley Middle School	\$500
Waipahu Intermediate School	\$1,000

\$60,000

Over the course of the grants the “use of funds” has become a lot more sophisticated. For the first 2-3 years the requests were almost solely for camera and media (tapes). Today the requests are for green screen setups, teleprompter, boom and wireless mikes, media carts, etc. Additionally many schools are now converting to high definition cameras.

Additional tables defining HSDMI school awards totaling \$460,000 from the years 2005 through 2010 are included at the end of this document.

HSDMI Successes

In many cases the grants have managed to extend the school day with before school routines (school video announcements), after school programs, video clubs, weekend training labs, etc. The last report shows that 72% of the schools reporting say that the HSDMI has had a high impact on their class and/or school.

The Hawaii Schools Digital Media Initiative identified and works toward the following goals:

1. Establish programs and processes to ensure that digital media content created by students in public and private schools in Hawaii will be broadcast on cable television public, education, and government (PEG) access channels.

2. Help to provide student and teacher access to the tools and knowledge to use digital media to create, educate, communicate, and inspire.
3. Develop programs that encourage student use and mastery of digital media and programs that recognize outstanding work.

HSDMI goals are to instill and encourage the development of early skill sets that help to feed local and national award competitions, as well as inspire students for careers in digital media. The latest report shows much success on this front. Schools report entries into local and national competitions including: Clarence TC Ching video awards, HMSA video awards, Olelo Youth XChange, Hawaii Grown, Farmers Insurance, Elks Club, and nationally the Scholastic and Student TV Network awards.

Additionally, the PBS Hawaii student news network known as Hiki NŌ is now in its third year of successful production. Upon review of the 75 participating K-12 schools in PBS Hawaii season three, more than half of these 75 schools have been recipients of the HSDMI grants shown in this report.

Finally, HSDMI has learned to not get in the way. Time appears to be the biggest hurdle in educating video students. Therefore the digital media initiative has tried to simplify our application and reporting process as much as possible. The last thing most technology educators need is a procedure that requires a lot of time away from their students. HSDMI recognized this early and makes all attempts at providing a concise and fair grant application and a short but effect reporting structure.

HSDMI Challenges

One of the original objectives of this endeavor included the following statement:

Developing processes and procedures for student digital media projects to be identified, reviewed, and scheduled for broadcast on cable television public, education, and government (PEG) access channels.

For the first years of this project the HDOE provided most of the above stated services. In recent years the cut-back in DOE funding that required all resource teachers to return to the classroom has greatly hampered the above objective. In the past many training activities for both instructors and students were tasked to the resource teacher. Additionally in the past each video submission was reviewed and rated on a matrix developed for student video assessment and returned to the teacher. Without the resource teacher this assessment is no longer being used.

Also pending at the current legislative session is possible legislation to “fix” the Educational Access funding at 2011 PEG funding levels. The “surplus” use of the PEG funds would be used to fund a student laptop program at public schools. With such legislation were to be implemented a review of the funding for the HSDMI program defined in this document may need to be made. This would be an interesting dilemma for a “digital” media program.

Special thanks to:

Hawaii Association of Independent Schools, who provides the flexibility needed to administer this project.

Olelo, Community Media, who releases 25% of their annual PEG funding to Educational Access programs.

The Department of Commerce and Consumer Affairs – Cable TV division.

HSDMI school awards totaling \$460,000 from the years 2005 through 2010

Note: Schools are shown in order of date of application.

For the 2010-2011 school year 48 HSDM awards were made. These include:

School	Actual Award
American Renaissance Academy	\$500
Makalapa Elementary School	\$1,000
Sacred Hearts Academy	\$1,500
Honoka'a High and Intermediate School	\$2,500
Lahainaluna High School	\$1,000
Huakailani School	\$1,000
Waimea High School	\$1,000
Montessori School of Maui	\$1,000
Mid-Pacific Institute	\$2,000
McKinley High School	\$2,000
Iao Intermediate School	\$1,000
Kalakaua Middle School	\$2,000
Sacred Hearts Academy	\$1,000
Niu Valley Middle School	\$1,000
Hawaii Preparatory Academy	\$1,000
Aliamanu Middle School	\$1,500
Farrington High School	\$2,500
Iolani School	\$1,500

Ka'ala Elementary School	\$1,000
Aina Haina School	\$1,000
Kalani High School	\$500
Kealakehe High School	\$2,500
Lunalilo Elementary	\$1,000
Ma'ili Elementary	\$1,000
Maryknoll High School	\$2,000
Maui Waena Intermediate School	\$500
Moanalua High School	\$2,500
Kauai Pacific School	\$2,000
Queen Ka'ahumanu Elementary	\$1,000
St. Joseph Jr/Sr High School	\$1,000
Pauoa Elementary School	\$1,000
Punahou School	\$500
Hawaii Academy of Arts & Science PCS	\$1,000
Hualalai Academy	\$1,000
Waianae Intermediate School	\$2,500
Waipahu High School	\$500
Waipahu Intermediate School	\$1,000
Laie Elementary	\$1,000
Kanu o ka 'Aina New Century PCS	\$1,000
President Theodore Roosevelt High School	\$1,000
Ho'ala School	\$1,000
Saint Louis School	\$1,000
Waikiki Elementary School	\$1,000
Hongwanji Mission School	\$1,000
Maui High School	\$2,000
Montessori Hale O Keiki	\$1,000
Kanuikapono PCS	\$500
Waialua Elementary School	\$1,000

\$60,000

For the 2009-2010 school year 65 awards were funded. These include:

School	Actual Award
Maryknoll High School	\$1,000
Makalapa Elementary School	\$500
Sacred Hearts Academy	\$1,500
Honoka'a High and Intermediate School	\$2,000
Mid-Pacific Institute	\$2,500
Iao Intermediate	\$1,000

Waipahu Intermediate School	\$500
Webling Elementary	\$1,000
Waianae Intermediate School	\$1,500
Waimea High School	\$1,000
Wilcox Elementary School	\$1,000
Hawaii Academy of Arts & Science	\$500
Hilo High School	\$500
American Renaissance Academy	\$500
Waipahu Intermediate School	\$500
August Ahrens Elementary School	\$500
Waipahu Elementary School	\$500
Waipahu High School	\$500
Hawaii Preparatory Academy	\$1,000
Kaleiopuu Elementary School	\$500
Punahou School	\$1,000
Wai'anae High School	\$1,500
Konawaena High School	\$1,000
Montessori School of Maui	\$1,000
Kilauea School	\$500
Kalakaua Middle School	\$1,500
Kauai Pacific School	\$1,000
St. Anthony Jr. Sr. High School	\$500
Waimea Canyon Middle School	\$500
Leihoku Elementary School	\$500
Aina Haina School	\$1,000
Ka'ala Elementary School	\$500
Damien Memorial School	\$1,000
Mokapu Elementary School	\$1,500
Hawaii Baptist Academy	\$1,500
Queen Ka'ahumanu Elementary	\$1,000
Island Pacific Academy	\$1,000
Aliamanu Middle School	\$1,500
Kapolei High School	\$500
Parker School	\$500
Ka Waihona o ka Na'auao Charter School	\$1,000
Moanalua Middle School	\$1,500
Moanalua High School	\$2,000
Kapaa High School	\$500
Montessori Hale O Keiki	\$500
President Theodore Roosevelt High School	\$1,000
Kealakehe High School	\$500

Lunalilo Elementary	\$1,000
Radford High School	\$500
Iolani School	\$1,000
Pauoa Elementary School	\$1,000
St. John Vianney Religious Ed. Program	\$1,500
Waimanalo Elementary & Intermediate	\$1,500
Ahuimanu Elementary School	\$1,000
Hongwanji Mission School	\$1,000
Sacred Hearts Academy	\$500
Farrington High School	\$1,000
Pu'u'hale Elementary School	\$500
Kawananakoa Middle School	\$1,500
Waikiki Elementary School	\$1,000
Clearview Christian Girl's School	\$1,000
Hualalai Academy	\$500
Waialua Elementary School	\$500
Kahalu'u Elementary School	\$500
McKinley High School	\$500
	\$60,000

The 67 HSDMI awards for the school year 2007-08 include:

School	Amount Awarded
Honoka'a High School	\$1,000.00
Hanalei Elementary School	\$1,500.00
Waimea Canyon Middle School	\$500.00
Sunset Beach Christian School	\$500.00
Montessori School of Maui	\$1,000.00
Punahou School	\$500.00
Sacred Hearts Academy	\$1,500.00
Damien Memorial School	\$500.00
Kapaa High School	\$1,000.00
Hawaiian Mission Elementary & Intermediate School	\$1,500.00
Leihoku Elementary School	\$500.00
Waianae Intermediate School	\$1,500.00
Makalapa Elementary School	\$500.00
Waimea High School	\$1,000.00
Kahala Elementary School	\$500.00
Aiea Elementary School	\$500.00
Aina Haina Elementary School	\$500.00

Hawaii Preparatory Academy	\$1,500.00
Waialae Elementary Public Charter School	\$1,000.00
Christian Academy	\$500.00
Lanakila Baptist High School	\$500.00
King Kekaulike	\$1,000.00
Kawananakoa Middle School	\$1,500.00
Kapolei High School	\$1,500.00
Moanalua Middle School	\$1,500.00
Kea'au Elementary	\$2,000.00
Hawaii Academy of Arts & Science	\$1,000.00
Kalakaua Middle School	\$1,500.00
St. John Vianney	\$2,000.00
Ka'u High & Pahala Elementary School	\$1,000.00
King Kaumuali'i Elementary School	\$500.00
Kula High and Intermediate	\$1,000.00
Ma'ili Elementary School	\$1,000.00
Doris Todd Christian School	\$500.00
Maryknoll High School	\$1,000.00
Laie Elementary	\$1,000.00
Saint Louis School	\$1,000.00
Hilo High School	\$500.00
Jarrett Middle School	\$500.00
E.B. de Silva Elementary School	\$500.00
E.B. de Silva Elementary School	\$500.00
E.B. de Silva Elementary School	\$500.00
Clearview Christian Girls School	\$500.00
Hakipu'u Learning Center	\$1,000.00
Hawaii Baptist Academy	\$1,000.00
Radford High School	\$1,000.00
Kealakehe High School	\$1,500.00
Aliamanu Middle School	\$500.00
Moanalua High School	\$1,500.00
August Ahrens Elementary School	\$1,000.00
Maryknoll School	\$1,500.00
Kanu o ka 'Āina New Century Public Charter School	\$1,000.00
Iolani School	\$1,000.00
Seabury Hall	\$500.00
Fern Elementary School	\$500.00
Le Jardin Academy	\$500.00
Hualalai Academy	\$500.00
Mililani High School	\$500.00
Saint Louis School	\$1,000.00
Lunalilo Elementary	\$1,000.00
Kamalii Elementary School	\$500.00
Hawaiian Mission Academy	\$500.00
Waialua Elementary School	\$1,000.00

Kamehameha Middle School	\$500.00
Ka'ala Elementary School	\$500.00
Queen Ka'ahumanu Elementary	\$500.00
Farrington High School	\$1,000.00
	\$60,000.00

The awards for 2005-2006 include:

School	Final Award
Moanalua High School	2,000
Aliamanu Middle School	1,500
King Kekaulike High School	2,000
Waikele Elementary	1,000
Kula High & Intermediate	1,500
Farrington High School	2,000
Laie Elementary	1,000
Pearl Ridge Elementary	1,000
Ke Kula Ni'ihau O Kekaha Learning Center	1,000
Island School	1,000
Kea`au Elementary	1,000
Kalani High School	1,000
Aiea Intermediate School	1,000
Maryknoll School	1,500
Ma`ili Elementary School	1,000
Waipahu High School	1,500
Kealakehe High School	1,500
Hakipu`u Learning Center	1,000
Waialua Elementary School	1,000
Digital Media Arts Academy	1,000
Hawaii Preparatory Academy	2,000
Kapunahala Elementary	1,000
Seabury Hall	1,000
Horizons Academy of Maui, Inc.	1,000
Waialae Elementary PCS	1,000
Ka`u High & Pahala Elementary School	1,000
Manana Elementary	1,000
Waikiki School	1,000
Jarrett Middle School	1,000
Honoka`a High School	1,000
Waianae Intermediate School	1,000
Hawaii Baptist Academy	1,000
Honoka`a High School	1,000
Mokapu Elementary	1,000
Pearl Harbor Elementary School	1,000
Mid-Pacific Institute	1,000
Aina Haina Elementary	1,000

Education Laboratory School	1,000
Punahou School	1,000
Pacific Buddhist Academy	1,000
Hawaii Academy of Arts & Science PCS	1,000
Sacred Hearts Academy	1,000
Montessori School of Maui	1,000
Wahiawa Middle School	1,000
Konawaena High School	1,000
Kahala Elementary	500
Waihe`e	1,000
Mauna Loa School	500
Le Jardin Academy - Middle School	1,000
Hanalei Elementary	1,000
St. John Vianney	1,000
Lanakila Baptist School	500
Hawaiian Mission Elem & Inter	1,000
Kula Elementary School	500
Kalaheo Elementary School	500
Waimea Canyon School	500
Kapolei High School	500

60,000