I. Preface
This annual report compiled by the Hawaii Educational Networking Consortium details the ninth year of providing oversight of Oahu Educational Access (EA) cable as detailed in the agreement constituted in 1998 by ‘Olelo, Community Television (‘Olelo); the Hawaii Educational Networking Consortium (HENC); and, the Department of Commerce and Consumer Affairs (DCCA). This report is an overview of the Educational Access activities for the calendar year 2007.

The three constituents who constitute the make up of this annual report include: the Hawaii Department of Education (HDOE); the Hawaii Association of Independent Schools (HAIS); and, the University of Hawaii (UH). This report is broken down into five major sections as shown below:

Section 1.0.0 - The EA Channels and their Programming........Page 1
Section 2.0.0 - EA Funding Summary..............................Page 3
Section 3.0.0 - The 2007 EA Reports..............................Page 4
  Section 3.1.0 - HDOE..............................................Page 4
  Section 3.2.0 - HAIS..............................................Page 7
  Section 3.3.0 - UH....................................................Page 11
Section 4.0.0 - Educational Access Summary......................Page 14
Section 5.0.0 - Appendices...........................................Page 15

Section 1.0.0 - The EA Channels and their Programming

Section 1.1.0 - The Channels
The two Oahu access channels associated with Educational Access cable which are pertinent to this report include:

Oceanic Time Warner Cable Channel 55 - The Education Channel (TEC) is programmed statewide on a 24x7 basis (with the exception of two scheduled maintenance periods each year) by the University of Hawaii. The EA signal is transmitted to all neighbor island access centers via the Hawaii Interactive Television System (HITS) to be used statewide on channel 55 for higher education programming. TEC provides opportunities for degree programs and lifelong learning via a combination of its cablecast programming and the Internet. The TEC programming mix includes local productions of credit and non-credit programs which are produced through a partnership composed of the University of Hawaii at Manoa, Honolulu Community College, Kapiolani Community College, Kauai Community College and Leeward Community College. Other programming
on TEC includes educational material from: Annenberg Media; the Research Channel; and, the U.S. Department of Education.

**Oceanic Time Warner Cable Channel 56** - This EA Channel (TEACH) hosts a combination of programming compiled, developed and delivered by the Teleschool branch of the Hawaii Department of Education. The TEACH channel is programmed by the HDOE on a 24x7 basis. TEACH primarily provides access to educational programming produced for, by and about preschool students through grade 12. In addition, the channel hosts staff development and community programming primarily for those associated with education—as well as other adult learning venues. On Oahu programs and rebroadcasts are scheduled by Teleschool during the approximate hours of: Monday through Friday from 8:00 A.M. - 10:00 P.M., Saturday from 8:00 A.M. - 4:00 P.M., and Sundays from 8:00 A.M. - 12:00 P.M. While a 24x7 signal is provided, ‘Olelo programs the TEACH channel during the hours not listed above. The Teleschool signal is made available via the HITS network to all access centers statewide on a 24 hour basis for scheduling as determined or agreed to by each county Public, Education and Government (PEG) entity.

A calendar of all scheduled breaks, holidays and maintenance downtimes for both channels is provided in Appendix 2 and 3 of the 2007 EA Annual Plan.

**Section 1.2.0 - The Programming**
The following table summarizes the hours of programming activity for the two Educational Access channels. This data is derived from the unaudited information provided by each entities' benchmark report, a requirement of their annual contract. Both of the 2007 reports, as well as the previous year summary, can be found in Appendix 1, 2, 3 and 4 of this document. The summary of the hours of programming supplied for Channel 55 and 56 for 2006 and 2007 are as follows:

<table>
<thead>
<tr>
<th>Educational Access Programming for Calendar Year 2006 &amp; 2007</th>
<th>Total Hours of Programming</th>
<th>Hours of Locally Produced Programming</th>
<th>Hours of Repeat Programming</th>
</tr>
</thead>
<tbody>
<tr>
<td>TEC - Channel 55 -- University of Hawaii</td>
<td>7,914</td>
<td>8,424</td>
<td>3,985</td>
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<tr>
<td>TEACH - Channel 56 -- HDOE/Teleschool</td>
<td>8,508</td>
<td>8,432</td>
<td>2,309</td>
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<tr>
<td>Total for EA Channels</td>
<td>16,422</td>
<td>16,856</td>
<td>6,294</td>
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</tbody>
</table>
Section 1.3.0 - Other Channel Related Issues and Initiatives
In accordance with the terms of the Education Access Agreement, HENC is asked to identify and make needed recommendations relating to the programming issues of the educational institutions. No issues requiring resolution were identified during the reporting period and HENC has not been notified of any outstanding issues relating to educational access cable.

Section 2.0.0 - EA Funding Summary
The following is a summary of all Educational Access funds disbursed by ‘Olelo for Educational Access programming during 2007:

Section 2.1.0 - Accounting of Income and Expenditures for 2007

TOTAL FUNDING

Total 2007 Educational Access Funding: $ 1,080,776.00

PLANNED EXPENDITURES

Department of Education, State of Hawaii

Core Programming: $ 388,398.00
Supplemental Programming: $ 60,000.00
Total 2007 HDOE Award: <$448,398.00>

Hawaii Association of Independent Schools

Core Programming: $ 00,000.00
Supplemental Programming: $ 77,627.00
Total 2007 HAIS Award: <$ 77,627.00>

University of Hawaii

Core Programming: $ 454,751.00
Supplemental Programming: $ 60,000.00
Total 2007 UH Award: <$514,751.00>

2007 HENC Educational Access Management Fee: <$ 40,000.00>

Balance of 2007 Funding remaining with ‘Olelo: $ 00,000.00

As required under the terms of the Educational Access agreement, HENC executed individual agreements with each of the 2007 EA award recipients. These agreements set forth the terms and conditions regarding the amount of the
award, use of the funds, reporting requirements, and other matters deemed appropriate by HENC for purposes of accountability.

Section 3.0.0 - The 2007 EA Reports
During 2007, the Hawaii Educational Networking Consortium recommended three awards for the purpose of developing and delivering educational programming and services on the two Oahu Educational Access channels (TEC and TEACH). The annual reports for each of the three awards are below:

Section 3.1.0 - Award No. 1 - HDOE/Teleschool

Section 3.1.1 - HDOE - The Year in Review
The HDOE 2007 Annual Plan called for seventeen scheduled events to be completed during 2007 (see Section 4.0.5, page 7 and 8 of the 2007 EA Plan). The complete programming list which can be found in Appendix 3 of this document lists 290 individual programs that were not part of the programming list from the previous year.

During 2007 the HDOE has continued to cablecast its core distance learning programming which includes: A.P. Calculus; A.P. Statistics; KidPhysics; Exploring the Islands 3, 4; Music Factory Live K-2 and 3-4; Voices and Wings 5, 6; Say it in Chinese; Arts Alive; and, What's the Story?

Teleschool also continued according to plan to provide programming relating to in-service training and educational issues. Examples of this programming includes: Caretakers, Choices, DASH, Standards Based Implementation Model, Gear Up; Ike Pono II; Artists of Hawaii; ViewPoints; School Connections; and, On Location.

The HDOE Mililani School Complex continues to air a one hour production each week during the school year entitled "MOVE" (Mililani Oceanic Video Exploration). MOVE features student produced school videos and airs on Saturday mornings and Sunday evenings.

During 2007 the TEACH channel continued to package and deliver the monthly program "Hawaii Students Digital Showcase" (HSDS). This one hour show features student-supplied productions from elementary, middle, and high school videos submitted by Hawaii's private and public K-12 schools. In addition to the videos that air, all video segments that are submitted are also provided with a written assessment of the production. This assessment is returned to the school and the students who produced the video to provide feedback for their production.
Current information regarding Teleschool's programming is available 24 hours a day via the Internet at the Teleschool website: http://www.teleschool.k12.hi.us/

Section 3.1.2 - HDOE - Supplemental Programming
Late in the 2007 year the DOE was awarded $60,000 in supplemental programming funds for the following four projects:

Kindergarten Differentiated Instructional Strategies - $20,000
Level 1: Training sessions conducted by Dr. Julie Smith.
Level 2: Implementation of strategies in the classroom.

Sustainability - $10,000
Programming to incorporate cultural values into the curriculum.

Storytelling with Jeff Gere - $10,000
A continuation of an earlier series where a master storyteller shares his abilities and inspires kids to read.

Tech-Tidbits - $20,000
Short clips of successful HDOE projects focusing on the integration of technology into the curriculum.

The culmination of these four projects will be documented in future reports.

Section 3.1.3 - HDOE - Benchmark Update
The Educational Access Plan for 2007 detailed five Teleschool objectives which constitutes the framework for measure of the HDOE project. Each of the planned benchmarks are in bold below and the report comments follow.

Benchmark #1 - Enhance local programming with the development and airing of two new series.
During the reporting period Teleschool began production on a new format for the existing program "Say it in Chinese." This programming will feature the mandarin language and be renamed to target both the K-2 and 3-4 grades. This series will assist the HDOE in their push to have a foreign language curriculum in place by 2010.

The series "KidPhysics Review" were developed as a method of refreshing and updating the skills presented in the four units of KidPhysics, each of which have between 23-36 lessons. The review segments cover topics such as: Newton's law of motion; work, power and energy; interactions of matter; heat energy; the nature of electricity; electromagnetism; and, waves.
Teleschool also continued according to schedule with other programming relating to in-service training and educational issues. Examples of this programming includes: Gear Up; Ike Pono II; Artists of Hawaii; ViewPoints; DASH; School Connections; Caretakers; Choices; and, On Location.

**Benchmark #2 - Develop a minimum of one professional development series.**
Also during 2007 the HDOE developed a "Friendly KidPhysics for Teachers" series. The programming centers around four modules that have been deemed essential concepts for physics instructors. This is to be used as a best practices teaching guide for the existing "KidPhysics" series.

**Benchmark #3 - Develop and implement a Teleschool assessment tool which will measure the effectiveness of existing programming.**
During 2007 Teleschool moved to use their recently developed comprehensive guide for planning, designing, implementing and evaluating HDOE cable programming. A programming audit was started with the objective to assess all of the Channel 56 programming. Preliminary findings also confirmed that public awareness of the educational access programming was low resulting in a limited penetration of the Teleschool programming. In the future efforts will be made to develop channel branding and public awareness.

**Benchmark #4 - Facilitate the collection, assessment and assembly of student produced video for Hawaii Schools Digital Showcase program.**
The TEACH channel during 2007 continued to package and deliver the monthly program "Hawaii Students Digital Showcase" (HSDS). This student-supplied monthly one hour show features productions from elementary, middle, and high school videos submitted by Hawaii's private and public schools. In addition to the videos that air, each student segment that is submitted is provided with a written assessment of the production which is returned to the school and the students as feedback for their production.

**Benchmark #5 - Provide and expand equitable access for instructional and professional development services to learners in remote areas.**
During 2007 the HDOE will complete the installation of at least one videoconferencing (VC) site in each public school. The two-way interactive function of the VC centers will allow Teleschool to augment the one-way capabilities of cable delivery of educational programming. This will also assist the schools with professional development in their push to have in place highly qualified teachers.

The reach of Teleschool's distance learning programs is also extended through a continuing partnership with KHET, PBS Hawaii. Teleschool programming such as
KidPhysics, Exploring the Islands; Voices & Wings; Art Smarts; and, Music Factory were all regularly made available to non-cable subscribers via the broadcast channels of public television during 2007.

Also during 2007 all HDOE/Teleschool credit programming has been closed captioned (CC) to assist both the hearing impaired and those who learn better through a combination of seeing, hearing and reading.

Section 3.1.4 - HDOE Financial Review
All of the core and supplemental programming funds are held within a single trust fund account which is independent of other HDOE/Teleschool funds. No outstanding issues relating to the trust fund account were identified for 2007.

Section 3.1.5 - HDOE Year-End Summary
For 2007 the HDOE continued to program the Educational Access TEACH channel on a 24x7 basis. During this reporting period Teleschool provided over 8,500 hours of quality educational programming statewide to the viewing public via Channel 56. Teleschool's oversight of Channel 56 continues to evolve and improve both in content and relevancy to the HDOE's mission.

The recent addition of Teleschool's "KidPhysics" programming has proven too rigorous to widely implement in the classroom. During the past year Teleschool moved to develop programming entitled "Friendly KidPhysics for Teachers" to assist instructors in the use of this program.

As mentioned in Benchmark #3, Teleschool has completed a comprehensive document for planning, designing, implementing and evaluating HDOE cable programming. This document develops the template for an ongoing effective assessment tool and provides for the review and revision, as well as a way to measure the outcome and impact of its cable programming.

A complete alphabetical list of all programs aired on Channel 56 during 2007 can be found in Appendix 3 of this report. This document lists 290 individual programs that were not part of the programming title list from the previous year.

Section 3.2.0 - Award No. 2 - HAIS

Section 3.2.1 - HAIS - The Year in Review
During 2007 HAIS produced five projects to complete their previous commitment from 2006. HAIS did not receive any core programming funds for the 2007 calendar year.

HAIS has completed the following Educational Access programming for 2006-07:
1. HAIS Presents: Dr. Robert Brooks Special, 1/2 hour
2. HAIS Presents: Dr. Robert Brooks Special, 1/2 hour
3. HAIS Presents: Dr. Robert Brooks Special, 1/2 hour
4. HAIS Presents: Dr. Robert Brooks Special, 1/2 hour
5. HAIS Presents: Hawaii Sandplay Council, 1/2 hour

During 2007 HAIS was also responsible for oversight and administration of the Hawaii Schools Digital Media (HSDM) grant initiative. This involved promotion, mailing, electronic distribution and administrative assistance for the grants dispersed during 2007 for the 2007-08 school year. Much of the HAIS effort is largely transparent to everyone except to the schools who receive the grants. A further description of the HAIS involvement in the digital media initiative is detailed in the following section.

**Section 3.2.2 - HAIS Supplemental Funding**

HAIS distributed $60,000 in HSDM grants to Hawaii schools ranging in size from $500 to $2,500. The 2007 K-12 Hawaii Schools Digital Media grants constitute the fifth year of the project. During the five years a total of $280,000 has been awarded directly to the classroom. These funds are used to develop and expand the capacity of both public and private elementary and secondary schools to produce educational video programming appropriate for cablecast on PEG access channels.

Below is a list of the names of the schools who received HSDM grant funding for the 2007-08 school year:

### 2007 HSDM Schools

- Aiea Elementary School
- Aina Haina Elementary School
- Aliamanu Middle School
- August Ahrens Elementary School
- Christian Academy
- Clearview Christian Girls School
- Damien Memorial School
- Doris Todd Christian School
- E.B. de Silva Elementary School
- Farrington High School
- Fern Elementary School
- Hakipu'u Learning Center
- Hanalei Elementary School
- Hawaii Academy of Arts & Science
Hawaii Baptist Academy
Hawaii Preparatory Academy
Hawaiian Mission Academy
Hawaiian Mission Elementary & Intermediate School
Hilo High School
Honoka'a High School
Hualalai Academy
Iolani School
Jarrett Middle School
Ka'ala Elementary School
Kahala Elementary School
Kalakaua Middle School
Kamalii Elementary School
Kamehameha Middle School
Kanu o ka ʻĀina New Century Public Charter School
Kapaa High School
Kapolei High School
Ka'u High & Pahala Elementary School
Kawananakoa Middle School
Kea'au Elementary
Kealakehe High School
King Kaumualii'Il Elementary School
King Kekaulike
Kula High and Intermediate
Laie Elementary
Lanakila Baptist High School
Le Jardin Academy
Leihoku Elementary School
Lunalilo Elementary
Ma'ili Elementary School
Makalapa Elementary School
Maryknoll High School
Maryknoll School
Miliani High School
Moanalua High School
Moanalua Middle School
Montessori School of Maui
Punahou School
Queen Ka'ahumanu Elementary
Radford High School
Sacred Hearts Academy
Saint Louis School
Saint Louis School
Seabury Hall
St. John Vianney
Sunset Beach Christian School
Waialae Elementary Public Charter School
Waialua Elementary School
Waianae Intermediate School
Waimea Canyon Middle School
Waimea High School
In exchange for each grant, the schools are expected to create student video programming to be submitted for possible inclusion in a monthly one hour student video showcase cablecast statewide on the PEG access channels.

Student video submissions form the content of the one hour program entitled "Hawaii Student Digital Showcase" aired on Tuesday from 5 P.M. to 6 P.M.; Thursday from 4 P.M. to 5 P.M. and Saturday from 9 A.M. to 10 A.M. on Oceanic Channel 56.

HAIS believes that this project dovetails nicely with a number of ongoing local video awards and competitions (i.e. Island Movie, YouthXchange, Hawaii Student Film Festival, etc.) which seek to build student skills and esteem in the area of digital media production.

Late in the 2007 year HAIS was also awarded $17,627 in supplemental programming funds for the following project:

**Channel 55 and 56 promotional announcements**
A recent Distance Learning needs assessment pointed out that nearly 3/4 of the residents of Hawaii have never watched either Channel 55 or 56. Funds will be used to develop promotional segments with a common educational theme to be submitted for airing on non-educational access channels.

The outcome of this project will be documented in future reports.

**Section 3.2.3 - HAIS - Year-End Financial Review**
No problems or deficiencies were identified relating to the HAIS/EA financials for the reporting year 2007.

**Section 3.2.4 - HAIS Year-End Summary**
During 2007 HAIS has completed their previously promised programming from the 2006 EA Annual Plan during the reporting period.

The Hawaii Association of Independent School is proud to contribute to the education community with the Hawaii Schools Digital Media Initiative grants. HAIS is confident in the project's ability to impact the schools, their curriculum and most importantly student learning. HAIS continues to report the praise and appreciation the schools report from receiving these grants.
Section 3.3.0 - Award No. 3. - *University of Hawaii*

**Section 3.3.1 - UH - The Year in Review**
The Distributed Learning and User Services (DLUS) department of the University of Hawaii continued to program the TEC Channel on a 24 hour, 7 day a week basis during 2007. The channel regularly provides for the system wide delivery of an Associate of Arts (AA) degree through the use of Educational Access cable and the Internet.

During 2007 the University of Hawaii provided a total of 7,914 hours of programming for the TEC channel. While doing so, the UH has also been diligent in completing the goals and objectives defined in their 2007 Plan (see Section 4.2.3, page 10 of the 2007 EA Plan). As a by-product of the Oahu EA agreement the UH also provides EA programming statewide on 24x7 basis for the higher education access channel found on Oceanic Cable Channel 55 on all islands.

Additional information about programming, course scheduling, cable access or any of the University of Hawaii's distance learning programs can be found on their Website located at: http://www.hawaii.edu/uhcc.e-learn/

**Section 3.3.2 - UH Framework for Measure - 2007**
During 2007, at a minimum the University of Hawaii has attained all of the frameworks for measure as defined in their 2007 Plan (see Section 4.2.5, page 15 of the 2007 EA Plan). The UH has consistently provided the required EA programming on 24x7 basis on channel 55. Primarily the UHTV programming focuses on credit courses which allow students to regularly advance toward an AA degree on a system wide basis. The following four benchmarks are defined in the plan for the purposes of assessment of this project. This 2007 Annual Report outlines UH's progress toward the following benchmarks:

**Benchmark #1 - Produce six new credit courses or equivalent during 2007.**
During 2007 the UH completed seven new (or totally revised) credit courses. These programs include:

1. Botany 101
2. Education 286
3. Hawaiian Studies 101
4. Hawaiian Studies 107
5. History 241
6. Information & Computer Science 111
7. Information & Computer Science 194
Benchmark #2 - Provide approximately 15 credit courses, one "informal" program and related 24x7 cable programming each semester of the academic year.

The UH completed 78 credit courses during the 2007 year (37 during the Spring and Summer I; and, 41 during Summer II and Fall 2007). DLUS continues to program Developmental Approaches to Science, Health, and Technology (DASH) which is graciously aired by Teleschool on Channel 56. Emergency Medical Services was the sole informal program series offered during 2007.

The UH continues to provide a 24 hour signal to all PEG access entities statewide for use at their own discretion via the Hawaii Interactive Television System. The UH also continues to tailor neighbor island signals so that they do not include programming specific to Oahu (i.e. if a cable course is only available on Oahu, the signal transmitted to neighbor islands access centers does NOT include such programming).

Benchmark #3 - Continue to update the AA degree program for distance learning.

During 2007 DLUS continued to work with all of the Oahu community colleges to build and broaden the offerings of the AA Degree. The UH continued to assembled a calendar of distance learning classes that are regularly offered each semester. This calendar (found at: http://www.hawaii.edu/uhcc.e-learn/) affords the student some flexibility in scheduling and assurances in the continuous availability of classes necessary for an AA degree.

Benchmark #4 - Provide for appropriate support services to students working toward their AA degree.

During 2007 UHTV revised and updated their student service programming by developing a program entitled: Student Success 101. This informative program provides students who are new to the distance learning environment with tips and techniques necessary to successfully complete their cable coursework.

The UH continues to maintain student support services via email, the Internet and the telephone. A help desk provides the University of Hawaii community with a single, efficient resource for information. During the school year prospective and existing students can call the help desk for support or information from Monday - Thursday: 8:00 A.M. - 9:30 P.M., Friday: 8:00 A.M. - 4:30 P.M. On Oahu, students can call 956-8883 and toll-free from neighbor islands at 1-800-558-2669 for complete access to an array of services. The help desk can also be reached via email at: help@hawaii.edu

The Internet also provides students with 24x7 access to student information relating to course information, placement exams, library services, tuition, financial aid and academic advising. The UH also continues to expand access to classes
via a video web server. With the approval of faculty, individual courses are made available in cycles of two-weeks to eliminate the frequent "I missed viewing a class" trouble calls. A complete list of program scheduling for channel 55 is available at: http://www.hawaii.edu/dlus/UHTV/prmg.html

Section 3.3.3 - UH - Supplemental Programming Summary
Late in the 2007 year the UH was awarded $60,000 in supplemental programming funds for the following three projects:

**Additions to Student Success Programs ($30,000):**
Honolulu, Kapiolani and Leeward Community Colleges will each produce 10 hours of informational programming.

**Topics Hawaii ($15,000)**
The program entitled Topics Hawaii will produce 15 new 1 hour shows.

**Closed Captioning: ($15,000)**
These monies will be used to fund the continuation of closed captioning (CC) of the AA Degree's credit programming

The outcome of these three projects will be documented in future reports.

Section 3.3.4 - UH - Annual Financial Review
All funds for the UH award are deposited and expended from a single stand-alone account administered financially through the University of Hawaii's, Office of Research Services. The funds are budgeted for and dispersed to other UH system schools. No outstanding issues relating to the funds were identified for 2007.

Section 3.3.5 - UH - Year-End Summary
During the year the UH has exceeded their defined benchmarks and objectives as stated in their 2007 plan. During this reporting period the UH provided nearly 8,000 hours of important educational programming to a statewide audience via TEC, Channel 55. The signal for Channel 55 is continuously transmitted to all neighbor island Access Centers for their use.

During 2007 the total hours of locally produced programming has continued to grow. During the reporting period UHTV developed a number of new locally produced informational programs including: Koa Gallery; Kupuna Connection; Pacific Identities; SHIG Happens; Take Charge of Your Money; and, Topics Hawaii.
In addition to the above stated informational programming, the UH continues to update its credit programming. To be considered for development credit programming must agree to air a minimum of two times during a three year period and all EA programming must be revised within five years (or less) to remain viable as a cable cast. Maintaining such a goal is accomplished by convening regular meetings of a UH-Oahu cable advisory group to consistently formulate, approve, allocate and complete the timely production of educational access programming.

Section 4.0 - Educational Access Summary
The Hawaii Educational Networking Consortium continues to be proud of the Educational Access channels and their programming. This document reports that the two channels are providing more than 16,000 hours of Educational Access cablecasts on an annual basis.

HENC would like to thank the University of Hawaii for their continued support of the HITS network and their commitment to educational access cable which delivers all of the hours of programming declared in this report to all PEG access entities statewide. During the legislative session the UH also delivers Governmental Access programming important to educate an informed public.

For the fifth year Educational Access has supported a project known as the Hawaii Schools Digital Media (HSDM) initiative. This project, through this awarding of school grants, helps to influence both public and private K-12 schools to incorporate digital media technologies into their curriculum. While conceived independently, the ongoing Hawaii Schools Digital Media initiative continues to go hand in hand with ‘Olelo’s annual YouthXchange awards for student video. Both programs are significant in helping to build critical mass in video production at the school level, both for students and their teachers.

This 2007 Annual Report is believed to be in full compliance with the terms of the 1998 Educational Access Agreement. If this is not found to be the case the Education Program Manager will attempt to resolve any issues, concerns or conflicts with ‘Olelo and/or the Department of Commerce and Consumer Affairs relating to the matters covered in this document. This report will be made available online via the HENC website: http://www.hawaii.edu/henc/

The following individual will act as the primary contact for this report:
    Marlon Wedemeyer
    Educational Program Manager
    Hawaii Educational Networking Consortium
    2532 Correa Road, Building 37
    Honolulu, Hawaii 96822
The Consortium would once again like to thank ‘Olelo for allowing the Hawaii Educational Networking Consortium to facilitate the ongoing process of reporting and planning for Oahu's Educational Access activities.

Section 5.0 - Appendices
Appendix 1. - UH 2007 Benchmark Matrix & Program Listing
Appendix 2. - UH 2006 Educational Access Progress Report
Appendix 3. - HDOE 2007 Benchmark Matrix & Program Listing
Appendix 4. - HDOE 2006 Educational Access Progress Report
Appendix 1.

UH 2007 Benchmark Matrix & Program Listing
**UH 2007 Educational Access Progress Report**

Name of Grantee: University of Hawaii  
Contact Person: Hae K. Okimoto

Dates Covered in this Report:  
January 1 - December 31, 2007

<table>
<thead>
<tr>
<th>UNITS OF MEASURE</th>
<th>Spring &amp; Summer I 2007</th>
<th>Summer II &amp; Fall 2007</th>
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<td>5926</td>
</tr>
<tr>
<td>• locally produced</td>
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<td>2912</td>
</tr>
<tr>
<td>• purchased/produced elsewhere</td>
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<td>• live</td>
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<tr>
<td>• tape delayed</td>
<td>1341</td>
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<td>• rebroadcast</td>
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<td>50</td>
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<td>• live</td>
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<td>0</td>
</tr>
<tr>
<td>• tape delayed</td>
<td>16</td>
<td>34</td>
<td>50</td>
</tr>
<tr>
<td>• rebroadcast</td>
<td>16</td>
<td>17</td>
<td>33</td>
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<td>number of hours of informational programs*</td>
<td>547</td>
<td>1359</td>
<td>1905</td>
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<td>1</td>
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<td>23</td>
<td>23</td>
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<td>number of students enrolled in credit courses</td>
<td>669</td>
<td>663</td>
<td>1332</td>
</tr>
</tbody>
</table>

* 1st broadcast, does not include rebroadcasts

**Significant Achievements**

In addition to the above hours for UH programming  
UH broadcast another 846 hours of various programs as part of  
our Research Channel consortium (pretaped programs from  
other higher education institutions), special programs for  
Chaminade and Hawaii Pacific University, as well as occasional  
requests from Olelo. 2006
University of Hawaii Cable Programming
January – June 2007

Credit Courses - Spring

Anthropology 200, 210
Astronomy 110
Biology 172
Botany 101 & 130
Chemistry 151
Education 285
English 60, 209WI
Exercise Science 100
Food Science & Human Nutrition 185
Food Service & Hospitality Ed 103
Geology 101 & 103

History 151, 152, 241* & 282
Institute for Teacher Ed 582
Math 50C, 100 &115
Music 106
Nursing 16
Pharmacology 203
Physical Science 122
Science 122
Speech 181

* = New Credit Class

Credit Courses – Summer

Anthropology 200
Food Science & Human Nutrition 185
Geology 101

Math 100 & 115
Microbiology 130

Non-Credit Courses – Spring

Emergency Medical Service

Informational Programs – Spring

Locally Produced

CTAHR Show
Distinguished Lecture Series
Emeritus College
Focus on UHH
Frontiers of Astronomy
HAIS – Invitation to Teach
HAIS - Specials
Hale Aina Ohana
High Tech Hawaii
Island Connections
Kipapa Lectures

Koa Gallery*
Kupuna Connection*
Maui Weather
Pacific Identities*
SHIG Happens
Student Success 101
Take Charge of Your Money*
Topics Hawaii*
UH Presents (special lectures)

* = supplemental fund programs

Informational Programs Produced Elsewhere

Research Channel
University of Hawaii Cable Programming
July - December 2007

Credit Courses

Anthropology 200
Biology 100 & 171
Botany 101* & 130
Chemistry 151
Education 285
English 60, 100 & 209WI
Exercise Science 100
Food Science & Human Nutrition 185
Food Service & Hospitality Ed 103
Geology 101 & 103
History 151, 152, 241*
Info Computer Science 111* & 194*
Institute for Teacher Ed 582

Math 20 BCD, 100 &115
Microbiology 130
Music 106
Nursing 16
Pharmacology 203
Philosophy 101E
Physical Science 122
Psychology 240
Science 122
Speech 181
Zoology 141

* = New Credit Class

Non-Credit Courses

Emergency Medical Service

Informational Programs
Locally Produced

CTAHR Show
Distinguished Lecture Series
Emeritus College
Frontiers of Astronomy
HAIS – Invitation to Teach
HAIS - Specials
Hale Aina Ohana
Hawaii bibliOvision
High Tech Hawaii
Island Connections
Kipapa Lectures
Koa Gallery*

Kupuna Connection*
Maui Weather
Pacific Identities*
SHIG Happens*
Student Success 101*
Take Charge of Your Money*
Topics Hawaii*
You & the Law
UH Presents (special lectures)

* = supplemental fund programs

Informational Programs
Produced Elsewhere

Biology of Small Life
Destination Tomorrow

NASA's Destination Tomorrow
Research Channel
Appendix 2.

UH 2006 EA Progress Report
**UH 2006 Educational Access Progress Report**

Name of Grantee:  University of Hawaii  
Contact Person:  Hae K. Okimoto  

Dates Covered in this Report:  
January 1 - December 31, 2006

<table>
<thead>
<tr>
<th>UNITS OF MEASURE</th>
<th>Spring &amp; Summer I 2006</th>
<th>Summer II &amp; Fall 2006</th>
<th>Year to Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>number of hours of credit courses*</td>
<td>1733</td>
<td>2417</td>
<td>4150</td>
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<tr>
<td>• locally produced</td>
<td>802</td>
<td>1187</td>
<td>1989</td>
</tr>
<tr>
<td>• purchased/ produced elsewhere</td>
<td>60</td>
<td>0</td>
<td>60</td>
</tr>
<tr>
<td>• live</td>
<td>75</td>
<td>120</td>
<td>195</td>
</tr>
<tr>
<td>• tape delayed</td>
<td>787</td>
<td>1067</td>
<td>1854</td>
</tr>
<tr>
<td>• rebroadcast</td>
<td>871</td>
<td>1230</td>
<td>2101</td>
</tr>
<tr>
<td>number of hours of non-credit programs*</td>
<td>47</td>
<td>32</td>
<td>79</td>
</tr>
<tr>
<td>• locally produced</td>
<td>19</td>
<td>16</td>
<td>35</td>
</tr>
<tr>
<td>• purchased/ produced elsewhere</td>
<td>0</td>
<td>26</td>
<td>26</td>
</tr>
<tr>
<td>• live</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>• tape delayed</td>
<td>19</td>
<td>16</td>
<td>35</td>
</tr>
<tr>
<td>• rebroadcast</td>
<td>28</td>
<td>16</td>
<td>44</td>
</tr>
<tr>
<td>number of hours of informational programs*</td>
<td>2228</td>
<td>1967</td>
<td>4195</td>
</tr>
<tr>
<td>• locally produced</td>
<td>479</td>
<td>439</td>
<td>918</td>
</tr>
<tr>
<td>• purchased/ produced elsewhere</td>
<td>588</td>
<td>1233</td>
<td>1821</td>
</tr>
<tr>
<td>• live</td>
<td>666</td>
<td>60</td>
<td>726</td>
</tr>
<tr>
<td>• tape delayed</td>
<td>330</td>
<td>893</td>
<td>1223</td>
</tr>
<tr>
<td>• rebroadcast</td>
<td>1162</td>
<td>274</td>
<td>1436</td>
</tr>
<tr>
<td>number of credit courses</td>
<td>35</td>
<td>32</td>
<td>67</td>
</tr>
<tr>
<td>number of non-credit programs</td>
<td>2</td>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td>number of informational programs (local)</td>
<td>34</td>
<td>36</td>
<td>70</td>
</tr>
<tr>
<td>number of students enrolled in credit courses</td>
<td>696</td>
<td>605</td>
<td>1301</td>
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</tbody>
</table>

* 1st broadcast, does not include rebroadcasts

**Significant Achievements**

In preparation for HCC's Fall 2006 Accreditation self-study and visit from the WASC accreditation team, Honolulu Community College conducted a Summer 2006 Distance Education assessment review.
Appendix 3.

HDOE 2007 Benchmark Matrix & Program Listing
Name of Grantee: Hawaii State Department of Education/Teleschool

Contact Person: Geriann Hong

Dates Covered in this Report: January 1, 2007 to December 31, 2007

<table>
<thead>
<tr>
<th>UNITS OF MEASURE</th>
<th>Spring 2007</th>
<th>Fall 2007</th>
<th>YEAR TO DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of hours of programming</td>
<td>4201</td>
<td>4307</td>
<td>8508</td>
</tr>
<tr>
<td>Number of hours of credit courses</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Live</td>
<td>294</td>
<td>356</td>
<td>650</td>
</tr>
<tr>
<td>• Taped delayed</td>
<td>392</td>
<td>355</td>
<td>747</td>
</tr>
<tr>
<td>• Rebroadcast</td>
<td>366</td>
<td>334</td>
<td>700</td>
</tr>
<tr>
<td>Number of hours of non-credit programs</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Live</td>
<td>64</td>
<td>73</td>
<td>137</td>
</tr>
<tr>
<td>• Taped delayed</td>
<td>382</td>
<td>393</td>
<td>775</td>
</tr>
<tr>
<td>• Rebroadcast</td>
<td>381</td>
<td>392</td>
<td>773</td>
</tr>
<tr>
<td>Number of hours of educational programming from non HDOE Institutions</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Taped delayed</td>
<td>1161</td>
<td>1202</td>
<td>2363</td>
</tr>
<tr>
<td>• Rebroadcast</td>
<td>1161</td>
<td>1202</td>
<td>2363</td>
</tr>
<tr>
<td>Number of students enrolled/using programs*</td>
<td>22,875</td>
<td>22,875</td>
<td>45,750</td>
</tr>
</tbody>
</table>

* This number is only a broadly defined estimate as the HDOE has no official student registration reporting requirements for Teleschool course usage.
Alphabetical List of Channel 56 Programming:
January 1, 2007 through December 31, 2007

A.P. CALCULUS
A.P. STATISTICS
ABRAHAM LINCOLN
ABSTRACT EXPRESSIONISM
ADVENTURES OF A TWO-MINUTE WEREWOLF
ADVENTUROUS WORLD OF ALGEBRA
AFRICA’S CHILD
AGAINST ALL ODDS: INSIDE STATISTICS
ALGEBRA FOR ALL
ALL ABOUT DIRECTIONS
ALL THE COLORS OF THE EARTH
ALONE AT HOME: THE LATCHKEY VIDEO
ALTERNATIVE ENERGY SOURCES
AMERICA IN THE 20TH CENTURY
AMERICAN DISCOVERY
AMERICAN INDUSTRIAL REVOLUTION
AMERICAN DISCOVERY
AMERICAN INDUSTRIAL REVOLUTION
AMERICAN PASSAGES: A LITERARY SURVEY
AMERICAN PAINTERS
AMERICAN PASSAGES
AMERICAN TALL TALES AND LEGENDS
ANASAZI: BUILDERS OF AMERICA’S FIRST CITIES
ANCIENT AMERICANS: THE MAYAS AND AZTECS
ANCIENT WARRIORS
AND THEN WHAT HAPPENED, PAUL REVERE?
ANGUS AND THE DUCKS
ANGRY?: TEN WAYS TO COOL OFF
ANGUS AND THE DUCKS
ANIMAL ALPHABET A-Z
APOHA: A FISH STORY
ARCTIC MELTDOWN, RISING SEAS
ARCTIC QUEST
ART: BASIC INSTRUCTION
ART OF FRA ANGELICO
ART OF MICHELANGELO
ART OF THE NETHERLANDS
ART OF THE WESTERN FRONTIER
ART SMARTS
ART ZONE
ARTIFACTS AND FICTION
ARTISTS IN HAWAII
ARTS IN EVERY CLASSROOM
ASSISTIVE TECHNOLOGY
ASTRONOMY
AT THE AIRPORT
ATOM BOND: THE ATOM WITH THE GOLDEN ELECTRON
AVOIDING TEEN PREGNANCY
BACTERIA: FRIENDS OR ENEMIES?
BALLTOWN
BAROQUE ART AND ARCHITECTURE
BASIC MATH
BEHIND THE SCENES
BENEATH THE SURFACE
BIG BANG
BIOGRAPHY OF AMERICA
BIOLOGICALLY SPEAKING
BIOMES
BLOODBORNE PATHOGENS: IN THE SCHOOL SETTING
BLUEBERRIES FOR SAL
BOARD OF EDUCATION
BOYS WILL BE BOYS
BRIDGING WORLD HISTORY
CALENDAR: HOW TO USE IT
CAREER OPPORTUNITIES IN THE FINE ARTS
CAREERS IN MATH: FROM ASTRONAUTS TO ARCHITECTS
CHANGING FACE OF ASIA
CHARLEY CHAPTERS
CHEMISTRY ESSENTIALS
CHEMISTRY IN ACTION
CHEMISTRY: JOURNEY TO YOUR FUTURE
CHICKA CHICKA BOOM BOOM
CHICKEN LITTLE
CHILDREN'S ENCYCLOPEDIA OF MATHEMATICS
CHOCOLATE
CHOICES
CHRISTABELLE IN THE MUSEUM OF TIME
CHRYSANTHEMUM
CITIES: WHAT ARE THEY?
CITIZENSHIP IN THE COMMUNITY
CLASSIFICATION OF LIFE
CLASSROOM MANAGEMENT THAT WORKS
CLIMATES, LANDSCAPES AND LIFE
CLUB WRITE
CLASSIFICATION OF LIFE
COME SIT BY ME
COMMUNICATION
COMMUNITIES
COMMUNITY HELPERS
COMPUTER CAREERS FOR ARTISTS
CONCEPTS IN NATURE
CONFLICT, COMMUNICATION AND RELATIONSHIPS
CONNECTING WITH THE ARTS
CORAL REEFS: THEIR EVOLUTION AND REPRODUCTION
COST OF COOL, THE: YOUTH, CONSUMPTION & THE ENVIRO
COUNTRIES AND CULTURES OF THE ANDES
COUNTRIES AND CULTURES OF THE ANDES
COW WHO FELL IN THE CANAL
CROSSROADS CAFE
CUBISM
CULTURAL HORIZONS
CULTURES: SIMILARITIES AND DIFFERENCES
CURIOUS GEORGE RIDES A BIKE
CYCLES OF RECYCLING
DANCING WITH DANGER
DANGEROUS WORLD OF PRE-CALCULUS
DANNY AND THE DINOSAUR
DARK AGES: EUROPE AFTER THE FALL OF ROME
DASH
DAY FOR NIGHT: RECOGNIZING TEENAGE DEPRESSION
DAY IN THE COUNTRY
DEALING WITH DIFFERENCE
DEALING WITH TEEN DATING ABUSE
DESTINOS: AN INTRODUCTION TO SPANISH
DISCOVER THE WORLD
DISCOVERING PSYCHOLOGY
DISCOVERING SIMPLE MACHINES
DISTRACTED DRIVING
DOG DAYS OF ARTHUR CANE
DON'T SWEAT THE FUTURE
DR. ROCKS MATH ADVENTURE
DUI: EVERY FIFTEEN MINUTES
EARTH 3 COMMUNITIES AROUND THE WORLD
EARTH IN ACTION
EARTH IN THE UNIVERSE
EARTH REVEALED
EARTH SCIENCE
EARTH SCIENCE ESSENTIALS
EARTH'S ROTATION AND REVOLUTION
EATING DISORDERS
EAZY KINE
EAZY STRUMMIN
ECOLOGY
ECONOMICS CLASSROOM
EDUCATIONAL NEWS PARENTS CAN USE
ELECTRICITY
ELEMENT ONE
ELEMENTARY MATH
ELEMENTARY SCIENCE
EMOTIONAL SELF-CONTROL
ENGAGING WITH LITERATURE
ENGLISH COMPOSITION
ENRICHMENT CLUSTERS
ESSAY WHAT?
ESSENTIAL SCIENCE FOR TEACHERS
EVENTS OF THE 20TH CENTURY
EVER-CHANGING EARTH FOR STUDENTS
EXERCISE! IT'S GOOD FOR YOU
EXPANDING CANON: TEACHING MULTICULTURAL
EXPANDING FRONTIERS
EXPLORING AMERICA
EXPLORING EARTH, SUN, AND MOON
EXPLORING THE DIVERSITY OF LIFE
EXPLORING THE ISLANDS
EXPLORING THE WORLD OF MUSIC
FINANCING YOUR FUTURE
FLOWER TRADITIONS OF HAWAII
FOCUS ON FAMILIES
FOOD ADDITIVES
FOOD AND NUTRITION
FOOD: FADS AND FACTS
FORCE AND MOTION
FOURWAYS FARM SERIES: K-1 SCIENCE
FRANK LLOYD WRIGHT: AN AMERICAN ORIGINAL
FRENCH IN ACTION
LIFE SKILLS
LIFELINES
LIGHT, SOUND AND WAVES
LISTENING TO LEARN
LITERARY VISIONS
LIVING TRADITION
LONE STAR LEGACY
LOOKS GOOD
LOUD MUSIC AND HEARING LOSS
MADISON HEIGHTS
MAGIC PLACE
MAKE WAY FOR DUCKLINGS
MAKING CIVICS REAL
MANAGING THE DISRUPTIVE CLASSROOM
MANY-SIDED WORLD OF GEOMETRY
MARIA MITCHELL
MARK KISTLER’S IMAGINATION STATION
Masters of Success
MATH ALL AROUND US
MATH FACTORY
MATH CONCEPTS FOR STUDENTS
MATH FOR ALL
MATH MONSTERS
MATHEMEDIA
MATTER IN ACTION
MEASURING
MEET THE SEASONS:
METRIC SYSTEM
MILK—FROM FARM TO TABLE
MISS NELSON IS BACK
MODUMATH ALGEBRA
MODUMATH MEASUREMENT
MONEY ESSENTIALS FOR STUDENTS
MORE FUN, LESS STUFF
MORE THAN BOW AND ARROWS
MORRIS’S DISAPPEARING BAG
MOSHI MOSHI I
MOSHI MOSHI II
MOTION, ENERGY AND FORCE
MOVE - MILILANI OCEANIC VIDEO EXPLORATION
MUSHROOM WITH A VIEW
MUSIC APPRECIATION,
MUSIC FACTORY LIVE K-2
MUSIC FACTORY LIVE 3-4
MY BEAUTIFUL HOUSE
MY BRAND NEW LIFE
MY NEIGHBORHOOD, MY COMMUNITY
MYSTERY OF THE FROZEN BONES,
NA KII HANA NOEAU HAWAII
NATIVE AMERICAN ARCHITECTURE
NATURAL DISASTER OR NATURAL PHENOMENA
NENE AWARD WINNER 2005,
NEW WORLD COLONIZED
NEW WORLD ENCOUNTERED
NEW WORLD EXPLORED
NEXT MOVE, THE:
NO NAME CALLING
NOBEl’S GREATEST HITS
NUTRITION
OFFICER BUCKLE AND GLORIA
‘OLELO
ON COMMON GROUND
OUR FEDERAL GOVERNMENT
OUR PHYSICAL WORLD
OUR SPECIAL PLACE IN SPACE
PACIFIC PASSAGES
PAPER, SCISSORS, GLUE
PAPERBOY
PARTICLE MODEL OF MATTER & KINETIC THEORY OF GASES
PERFECT COMMUNICATION
PERFECT VOCABULARY
PERSUASIVE LANGUAGE
PHOTOSYNTHESIS
PHYSICAL SCIENCE: COMMON PROPERTIES OF MATTER
PIONEER SPIRIT
PIONEERS OF FLIGHT
PLANET EARTH
PLAYGROUND SAFETY IN HAWAII
POET’S VIEW,
POLLUTION & SOLUTIONS
POMAIKA’I ARTS INTEGRATION
POPULATION AND WORLD RESOURCES
PORTRAIT, THE
POWER LINES AND TRANSFORMERS
PRESCRIPTION FOR FRUIT FLY SUPPRESSION
PRIMARY CITIZENSHIP
PROBABILITY
PROBLEM SOLVING MATH SERIES
PROGRAMMING FOR PARENTS
PROPERTIES OF WAVE
PUMPED-UP WORLD OF PRE-ALGEBRA
RADIOISOTOPES AT WORK
RAPUNZEL
RATIOS
RE-EXAMINING HISTORY:
REACTIONS IN CHEMISTRY
READING & WRITING WITH ROALD DAHL
READING TO THE MAX
REAL CHARACTER / REAL PEOPLE
REAL WORLD SCIENCE
RELATIVITY: EINSTEIN’S SPECIAL THEORY
RELIEF PRINTING: HOW IT’S DONE
RELIGIONS OF THE WORLD
RENEWABLE POWER: EARTH’S CLEAN ENERGY DESTINY
RESPECT SERIES
RETHINK: POLLUTION PREVENTION PAYS #000
RETHINK:
RIDE, DIRECTED BY NATHAN KUROSAWA
RIGHT FROM BIRTH
RINGS, KINGS, AND THINGS
RIP VAN WINKLE
RIVER FLOW
ROAD RAGE AND AGGRESSIVE DRIVING
THERE IS NO FOOD LIKE MY FOOD
THIS IS ARCHAEOLOGY
THREE LEGENDS OF AUSTRALIAN ABORIGINALS
THRILLING EXPERIMENTS
TIME FOR MATH
TIMELINES OF ANCIENT CIVILIZATIONS
TOBACCO HORROR PICTURE SHOW
TOLERANCE: RESPONDING TO DIFFERENCES
TOOLS IN SCIENCE
TOOTH TRUTH WITH HARV AND MARV
TOTAL HEALTH
TRAIL TO RICHES: THE CALIFORNIA GOLD RUSH
TRAITS AND HEREDITY
TRIGONOMETRY MATH SERIES
UNDERSTANDING FOR STUDENTS
UNITED STATES HISTORY
UNSEEN LIFE ON EARTH
UNTAMED WORLD OF ENGLISH PUNCTUATION
USES OF ROCKS AND MINERALS
USING THE TOOLS OF ONLINE LEARNING
VIDEO QUIZ
VIEWPOINTS
VIOLENCE IN THE SCHOOLS
VIRUS/INFECTION
VOICES AND WINGS
WAA NIHONGO
WAVES, TIDES AND THE COASTAL ENVIRONMENT
WEATHER AND CLIMATE
WHAT DO YOU WANT TO BE WHEN YOU GROW UP?
WHAT IS SCIENCE?
WHAT’S SCHOOL GOT TO DO WITH IT
WHAT’S THE STORY?
WHAT’S UP IN SPACE
WHAT’S WRONG WITH INHALANTS?
WHEN I GROW UP
WHERE ON THE PLANET ARE WE?
WHOLE CHILD, THE
WHY STUDY SCIENCE
WINDING YOUR WAY THROUGH DNA
WINSTON CHURCHILL: PRIME MINISTER
WITH LOVE; KAHEA A CALL TO OUR PEOPLE
WOMEN ARTISTS
WOMEN AS ROLE MODELS
WORK IN THE 21ST CENTURY
WORLD GEOGRAPHY AND HISTORY
WORLD ODYSSEYS
WORLD OF ART
WRITE IN THE MIDDLE: A WORKSHOP FOR MIDDLE SCHOOL
ZIN ZIN ZIN A VIOLIN
Appendix 4.

HDOE 2006 Educational Access Progress Report
**Name of Grantee:**  Hawaii State Department of Education/Teleschool  

**Contact Person:**  Geriann Hong  

**Dates Covered in this Report:**  January 1, 2006 to December 31, 2006  

### UNITS OF MEASURE

<table>
<thead>
<tr>
<th></th>
<th>Spring 2006</th>
<th>Fall 2006</th>
<th>Total Hours 2006</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of hours of programming</td>
<td>4095</td>
<td>4337</td>
<td>8432</td>
</tr>
<tr>
<td>Number of hours of credit courses</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Live</td>
<td>363</td>
<td>416</td>
<td>779</td>
</tr>
<tr>
<td>• Taped delayed</td>
<td>153</td>
<td>169</td>
<td>322</td>
</tr>
<tr>
<td>• Rebroadcast</td>
<td>153</td>
<td>169</td>
<td>322</td>
</tr>
<tr>
<td>Number of hours of non-credit programs</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Live</td>
<td>90</td>
<td>138</td>
<td>228</td>
</tr>
<tr>
<td>• Taped delayed</td>
<td>376</td>
<td>471</td>
<td>847</td>
</tr>
<tr>
<td>• Rebroadcast</td>
<td>376</td>
<td>471</td>
<td>847</td>
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<tr>
<td>Number of hours of educational programming</td>
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<td></td>
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</tr>
<tr>
<td>From non HDOE Institutions</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Taped delayed</td>
<td>1292</td>
<td>1252</td>
<td>2544</td>
</tr>
<tr>
<td>• Rebroadcast</td>
<td>1292</td>
<td>1251</td>
<td>2543</td>
</tr>
<tr>
<td>Number of students enrolled/using programs*</td>
<td>22,875</td>
<td>22,875</td>
<td>45,750</td>
</tr>
</tbody>
</table>

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