



BISHOP MUSEUM

Bishop
Museum's
2010

EDUCATION GUIDE to Outreach Programs



Welcome

Dear Educators,

Bishop Museum outreach programs reach over 10,000 students and family members throughout the Hawaiian Islands each year. Last year Museum staff brought culture and science outreach programs to schools from the island of Hawai'i to Kaua'i. The topics ranged from the story of 'Umiailoa in 15th century Waipi'o to the formation of the Hawaiian Islands.

We have designed our outreach programs to directly address Hawai'i Content and Performance Standards III (HCPS III). Each program description provides a list of the benchmarks (in science, social studies, language arts and other areas) that most closely match that program.

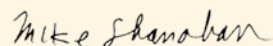
Ola Nā Mo'olelo (Living Stories) is a cultural outreach program which brings vivid, dramatic storytelling into the classroom. The content for Ola Nā Mo'olelo was

developed by Native Hawaiians and is effective in large assemblies and in classroom settings alike.

We invite you to experience a science or cultural outreach program at your school or family night this year. Please contact the Education Department (847-8239) for more information or to book a visit.

Yours truly,

Mike Shanahan
Education Director



Mahalo to Our Sponsors

Bretzlaff Foundation

The Thomas P. and Thelma B. Hart Foundation

Harvard Smithsonian Astrophysics Institute

Hawai'i Medical Service Association (HMSA)

Institute of Museum and Library Services (IMLS)

John Burns School of Medicine,
University of Hawai'i

National Aeronautics and Space Administration (NASA)

National Institute for Health Science,
Science Education and Partnership Award (SEPA)

National Oceanic and Atmospheric Administration (NOAA)

National Oceanic and Atmospheric Administration Pacific Services Center

National Science Foundation (NSF)

Native Hawaiian Culture and Arts Program (NHCAP)

State Foundation on Culture and the Arts (SFCA)

United States Department of Education (ECHO)

University of Hawai'i, Department of Ocean and Resources Engineering

University of Hawai'i Environmental Center

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OLA NĀ MO'OLELO



About Ola Nā Mo'olelo



Ha'i mo'olelo, or storytelling, is the Hawaiian tradition of passing down transmitting and maintaining cultural information from generation to generation. Today, this beautiful tradition continues through Bishop Museum's Cultural & Educational Outreach program, Ola Nā Mo'olelo, The Stories Live.

These dramatic presentations bring the history and stories of Hawai'i to life and feature cultural and natural objects connected to the stories as a link to the past. From the legacy of the great warrior chief 'Umialiloa in the 15th century to the life and times of Princess Kūhiō Pauahi, Ola Nā Mo'olelo will inspire and enrich the lives of our future storytellers.

Presentation Delivery

- Designed for specific grade levels.
- Designed for multiple grade levels.
- Suitable for presentations in classrooms, library, cafeteria or gymnasium.
- Multi-media projection capabilities are required for some presentations.

Evaluations from Teachers and Students

"Legends tied-in well with our recent visit to Waipi'o Valley. My students were inspired to learn more after seeing the presentation. Thank you!"

— Keaukaha Elementary

"Thank you for coming to our school. It helped me understand our history. I learned about our kings and queens and how they lived."

— Kapa'a High School

"The performance was done well. It wasn't where they sat down and told the story, they performed it. And it showed the emotional state the ali'i felt and of all the events that took place. Come back!"

— Honoka'a High School

Quick Reference to Programs

Grade Level:	PS	K	1	2	3	4	5	6	7	8	9-12
Lihikai	★	★	★	★							
Hamumu		★	★	★	★	★	★	★	★	★	
Mythic Heroes					★	★	★	★	★	★	
Māui Captures the Sun		★	★	★	★	★	★	★	★	★	
Pele					★	★	★	★	★	★	
'Umialiloa – 1400s						★	★	★	★	★	
Pauahi: A Legacy for Hawai'i											★
Luka: Of Love and Loss											★

This project is funded under the Native Hawaiian Culture and Arts Program. The views and conclusions contained in this document are those of the authors and should not be interpreted as representing the opinions or policies of the U.S. Government. Mention of trade names or commercial products does not constitute their endorsement by the U.S. Government.

► How to Register

- By phone: (808) 843-7612
- By e-mail: outreach@bishopmuseum.org

Please have the following information available:

- Presentation selection
- Grade level
- Three desired dates
- Number of students (minimum 20 students)
- Leader/contact person
- School/address/phone number

Fees:

\$4 per student

► Neighbor Isle Tours

Ola Nā Mo'olelo is available on the neighbor islands on selected dates below. Schools may select programs from this brochure. Due to generous foundation support, schools incur no additional travel or shipping expenses.



Payment:

- School purchase order preferred.
- Checks or cash are accepted.
- Once a reservation is received, a confirmation letter will be sent with information regarding your confirmed date(s) and time(s).



Education staff will do their best to work within your school schedule.

O'ahu

Reservations open all year-round.

Maui

October 27–31, 2008

Kaua'i

January 26–30, 2009

Hawai'i Island

Hilo: March 9–13, 2009

Kona: March 2–6, 2009

Lana'i

September 15–19, 2008

Space is limited, so please contact us early to reserve a visit.

Lihikai

Grades Preschool - 2

A spirited interactive storytelling about Hawai'i's fish, birds and land snails. Learn about their various habitats and behaviors through song and dance, using costumes, images and specimens.

HCPS III – Benchmarks

Language Arts:

- LA.K.6.1 Express ideas through simple activities (e.g., creative movement, choral speaking, show and tell, rhymes, poems and songs).
- LA.1.3.1 Identify the basic story elements of character and setting.
- LA.2.6.3 Express ideas through drama activities (e.g., role playing, skits, puppetry, choral reading, storytelling).

Social Studies:

- SS.1.6.1 Describe ways in which own and other cultures express cultural beliefs and practices through stories and/or legends.
- SS.2.6.1 Describe ways in which own and other cultures express their cultural beliefs and practices through music and art.



Hamumu (Includes Pre-Western Contact)

Grades K – 8

Learn how Hawaiians participated in the whaling industry through the eyes of whaler John Kanaka, who while stranded in Alaska meets Hamumu the Hawaiian whale rider. Share in Hamumu's adventures of being carried away on the back of a whale to the lands of the gods and then returns to Hawai'i.

HCPS III – Benchmarks

Social Studies:

- SS.4.6.3 Describe the changes in Hawaiian culture through contact with Westerners.
- SS.6.7.3 Analyze patterns of cultural encounters and exchanges and assess their impact on societies.
- SS.7HHK.3.3 Explain reasons foreigners came to Hawai'i and explain the political, social and economic impact on Hawai'i.
- SS.8.2.2 Describe why different people may have different perspectives of the same historical event and multiple interpretations should be considered in order to avoid historical linearity and inevitability.

Mythic Heroes (Pre-Western Contact)

Grades 3 – 8

Learn how the kukui tree (candlenut), wauke (mulberry) and niu (coconut) tell the stories of how Māui captures the sun, defeats the giant eel, Kuna and hear about Pele, the fire goddess and her lover, Kamapua'a.

HCPS III – Benchmarks

Social Studies:

- SS.3.6.2 Make informed judgments about cultures based on evidence from cultural artifacts.
- SS.4.3.1 Explain the origins and culture of early Hawaiians.
- SS.6.7.3 Analyze patterns of cultural encounters and exchanges and assess their impact on societies.
- SS.8.2.1 Differentiate between primary and secondary sources, understanding the potential and limitations of each.



Māui Captures the Sun

Grades K – 8

Join in the fun with this interactive updated version of the tale of Māui slowing down the sun so that his mother's kapa bark cloth may dry.

HCPS III – Benchmarks

Language Arts:

- LA.5.6.4 Form an opinion or draw a conclusion about key points in oral messages.
- LA.6.6.4 Use appropriate listening strategies (e.g., listening attentively, taking notes, asking questions) to learn from an oral presentation.

Social Studies:

- SS.3.6.1 Explain that different cultures have unique values, beliefs and practices.
- SS.4.6.1 Explain how language, traditional lore, music, dance, artifacts, traditional practices, beliefs, values and behaviors are elements of culture and contribute to the preservation of culture.

Pele

Grade 3 – 8

With images, a storyteller recounts Pele's sail from Bora Bora in search for a new home. Discovering Hawai'i, the Fire Goddess plunges her digging stick into each of the islands along the chain. But each time her eruptions are swamped by her sister Nāmakaokaha'i. After a horrific fight with her jealous sister, Pele finds Kīlauea Crater, where she lives to this day.

HCPS III – Benchmarks

Social Studies:

- SS.4.1.1 Describe both change and continuity of aspects of Hawaiian culture (including religion, land use and social systems).
- SS.4.3.1 Explain the origins and culture of early Hawaiians.
- SS.4.6.1 Explain how language, traditional lore, music, dance, artifacts, traditional practices, beliefs, values and behaviors are elements of culture and contribute to the preservation of culture.



'Umiailoia – 1400s

Grade 4 – 8

Step back into the early late 1400s to meet a prominent ali'i on the island of Hawai'i named 'Umiailoia. Born the lesser ranking son of Liloa, chief of Waipi'o Valley, 'Umi exemplifies humility and leadership. Follow 'Umi from his secretive birth through the height of his reign, as he becomes the first ali'i to rule over the entire island of Hawai'i. Told from a first-person account, presenters share 'Umiailoia's legacy.

HCPS III – Benchmarks

World Languages:

WL.6-8.4.2

Describe meanings or purposes of various cultural activities and how they are practiced.

Social Studies:

- SS.3.6.1 Explain that different cultures have unique values, beliefs and practices.
- SS.4.1.1 Describe both change and continuity of aspects of Hawaiian culture.
- SS.6.6.1 Examine the way in which different cultures have influenced families and communities.

Language Arts:

- LA.5.5.2 Use significant details and relevant information to develop meaning.

Pauahi: A Legacy for Hawai'i

Grade 9 – 12

Be inspired by the life and times of Bernice Pauahi Bishop, founder of Kamehameha Schools, and memorialized by her husband, Charles, through the building of Bishop Museum. Learn her mo'o kū'auhau, her family tree and how she fulfills her kuleana (responsibility) of service to her people to this day.

HCPS III – Benchmarks

LA.9.6.6 Describe how images and sound convey messages in visual media.
Social Studies:

SS.7PI.3.2

Analyze conflicting beliefs, values and norms of the indigenous populations and the European explorers/settlers and explain the impact of those differences.



SS.8.2.2 Describe why different people may have different perspectives of the same historical event and multiple interpretations should be considered in order to avoid historical linearity and inevitability.

SS.9MHH.1.1

Describe the multiple social, political and economic causes and effects of change in modern Hawai'i.

SS.10.2.1 Use knowledge of historical periods to assess contemporary issues and decisions.

Fine Arts:

FA.9-12.3.3

Analyze the physical, emotional and social dimensions of characters in texts and performances.

Luka: Of Love and Loss

Grade 9 – 12

A dramatic storytelling presentation with moving and still images projected on screen. Witness Princess Ruth (Luka) Ke'elikōlani, great-granddaughter of Kamehameha, defying the power of Pele to save her people and Hilo town. Share private moments with her and her hānai son Prince Leleiōhoku who serenades her with his music. Ponder her powerful persona and appreciate her enduring legacy.

HCPS III – Benchmarks

Language Arts:

LA.9.6.6 Describe how images and sound convey messages in visual media.



Social Studies:

SS.7PI.3.2

Analyze conflicting beliefs, values and norms of the indigenous populations and the European explorers/settlers and explain the impact of those differences.

SS.8.2.2

Describe why different people may have different perspectives of the same historical event and multiple interpretations should be considered in order to avoid historical linearity and inevitability.

SS.9MHH.1.1

Describe the multiple social, political and economic causes and effects of change in modern Hawai'i.

SS.10.2.1

Use knowledge of historical periods to assess contemporary issues and decisions.

Fine Arts:

FA.9-12.3.3

Analyze the physical, emotional and social dimensions of characters in texts and performances.

Website: www.hawaiialive.org A whole new kind of outreach!

Bishop Museum has created Hawai'i Alive, a new website for educators that features virtual versions of some of the most important cultural items in the Bishop Museum's collections. Officially open, this web site will be updated yearly with new and exciting content.

Hawai'i Alive features both items from our cultural collections and lots of supporting materials such as chants, video clips, written records and other documents that provide context and enhancement for the collection items. An image of akua loa, a long staff with a Lono image carved on one end (carried in Makahiki processions) contains links to a discussion of Makahiki customs and to images of such Makahiki traditions as hōlua sledding and of surfing. Among the items featured on the site:

- Hale pili, the grass hut that has been a centerpiece of the main floor Hawaiian Hall for decades.
- An ipu heke used by U'a, court drummer of Kamehameha III, IV and V.
- Kaumuali'i's mahiole and 'ahu'ula, presented to that Kaua'i chief by Kamehameha I.
- Ka'ahumanu's Bible.
- King Kamehameha's 'ahu'ula.

Hawai'i Alive was created specifically with input from educators; our goal is to develop a site that gives virtual access to our cultural collections in ways that are most workable and useful to teachers and students alike. The site also provides links to the relevant

Hawai'i Content and Performance Standards III (4th, 7th and 9th grades) that apply to the artifacts. Hawai'i Alive is divided into the realm of the ocean (Kai Ākea), of humans (Wao Kānaka) and of the gods (Wao Lani). The site can be browsed by topics ("unification and monarchy," "overthrow," etc.) and by HCPS III standards.

Teacher workshops are planned annually. If interested, please email the site webmaster and request to be placed on our mailing list.

For more information about Hawai'i Alive, call our office at (808) 848-4168.

Hawai'i Alive was funded by the Institute for Museum and Library Services (IMLS) and by the Federal Department of Education (Native Hawaiian Education Program).



Explore the world of Hawaiian ethnobotany — the tradition of a people and their plants

Amy Greenwell Garden is Bishop Museum’s native plant arboretum located on the island of Hawai’i. Amy Greenwell Garden is about 12 miles south of Kailua-Kona and provides outreach programming throughout Hawai’i Island. Discover how skillful the Hawaiian people were at farming and horticulture, and at using the plants of the native Hawaiian landscape. It’s an enriching cultural experience you will not want to miss!

In addition to the following outreach programs, Amy Greenwell Garden is also available as a field trip destination. For information on visits to the Garden itself, Call: (808) 323-3318 or go to: <http://www.bishopmuseum.org/greenwell>

► Program Information

- Call (808) 323-3318 for fees and reservations.
- There is no fee for many of these visits as they are supported by the Education through Cultural and Historical Organizations (ECHO) program and Native Hawaiian Culture and Arts Program (NHCAP). Available to Hawai’i Island schools only.
- Grades Preschool – 12.
- Other topics for classroom visits available.



Outreach visits bring culture and science into your classrooms. Ethnobotany classroom visits include these topics:

Plants and Culture

Explore the role of plants in traditional culture. Choose from a variety of topics including Kalo, Kapa, Musical Instruments, Makahiki Games and Dyes.

Plants and Culture can help students meet these benchmarks:

HCPS III – Benchmarks

Social Studies:

- SS.K.8.1 Explain people’s basic needs and how they fulfill them.
- SS.1.3.1 Compare own life with those of children in history.
- SS.2.7.3 Describe a variety of the earth’s natural resources (e.g., water, forests and oil) and ways in which people use them.
- SS.3.6.1 Explain that different cultures have unique values, beliefs and practices.

- SS.4.3.1 Explain the origins and culture of early Hawaiians.
- SS.4.6.1 Explain how language, traditional lore, music, dance, artifacts, traditional practices, beliefs, values and behaviors are elements of culture and contribute to the preservation of culture.
- SS.6.6.1 Examine the ways in which different cultures have influenced families and communities.

Seed Science

Examine seeds from many native plants and learn how they grow.

Propagating Plants

Learn techniques for starting plants from seeds, tubers and cuttings.

Seed Science and Propagating Plants can help students meet these benchmarks:

HCPS III – Benchmarks

Science:

- SC.K.1.1 Use the senses to make observations.
- SC.K.1.2 Ask questions about the world around them.
- SC.K.1.3 Collect data about living and non-living things.
- SC.1.3.1 Identify the requirements of plants and animals to survive (e.g., food, air, light, water).
- SC.1.4.1 Describe how living things have structures that help them to survive.
- SC.2.4.1 Explain how plants and animals go through life cycles.

- SC.3.1.1 Pose a question and develop a hypothesis based on observations.
- SC.3.1.2 Safely collect and analyze data to answer a question.
- SC.3.4.1 Compare distinct structures of living things that help them to survive.
- SC.7.5.1 Differentiate between sexual and asexual reproduction.

School Garden Projects

Garden staff can help your class or school through the process of planting a school garden featuring native and Polynesian introduced plants. We can supply many of the plants to your school for a school garden.

Each of these steps may involve one or more visits to your classroom by garden staff:

- Planning your garden.
- Starting your seeds and cuttings.
- Planting the garden.
- Caring for a school garden.



Contacts & Websites

Bishop Museum Education Department

(808) 848-4168
education@bishopmuseum.org
www.bishopmuseum.org/education/education.html

Director of Educaiton, Exhibits & Planetarium

Mike Shanahan
(808) 847-8235
mikes@bishopmuseum.org

Reservations for school visits coming to

Bishop Museum
(808) 848-4168
education@bishopmuseum.org
www.bishopmuseum.org/education/education.html

Amy Greenwell Garden

(808) 323-3318
www.bishopmuseum.org/exhibits/greenwell/greenwell.html

Outreach Programs

Holoholo Science – Science in your classroom!

(808) 847-8227
shar.hashimoto@bishopmuseum.org
www.bishopmuseum.org/education/pdf/2007_OutreachGuide.pdf

Ola Nā Mo'olelo – Dramatic storytelling at your school!

(808) 843-7612
www.bishopmuseum.org/education/pdf/2007_OutreachGuide.pdf

Amy Greenwell Garden

(808) 323-3318
www.bishopmuseum.org/exhibits/greenwell/

General Contact Information

Bishop Museum General Information

(808) 847-3511
www.bishopmuseum.org

Astronomy and Planetarium Information

(including upcoming astronomy events, moon phases, meteor showers etc.)
(808) 847-8235 (Planetarium Manager)
mikes@bishopmuseum.org
www.bishopmuseum.org/planetarium/

Bishop Museum Press

(808) 848-4135
www.bishopmuseum.org/press/press.html

Cultural Resources

(808) 848-4126
www.bishopmuseum.org/research/cultstud/cultstud.html

Facility Rentals

(808) 848-4106
www.bishopmuseum.org/visitors/facilities/facilities.html

Library and Archives

(808) 848-4148
library@bishopmuseum.org
archives@bishopmuseum.org
bishopmuseumlib.lib.Hawaii.edu

Membership

(808) 848-4187
www.bishopmuseum.org/membership/membership.html

Natural Sciences & Research

(808) 847-8204
www.bishopmuseum.org/research/natsci/science.html

Shop Pacifica

(808) 848-4158
www.bishopmuseum.org/store.html

Intercession at Bishop Museum with Kama'aina Kids

www.kamaainakids.com/

Bishop Museum Web Resources

Hawai'i Alive

This brand-new web site focuses on highlights from the Bishop Museum's cultural collections, with lots of great supporting material.
www.hawaiialive.org

Bishop Museum Ethnology Database

www2.bishopmuseum.org/ethnologydb/index.asp

Hawai'i Biological Survey Database

hbs.bishopmuseum.org/hbs1.html