Sharing Place Names of Hanauma Bay: A Multimedia Prototype

Elizabeth Kumabe Maynard
University of Hawai‘i-Manoa
The Gift and the Challenge...
Addressing a Need

- World renown; many think of as “Touristy place to see fish”
- Popularity of Hanauma not often embraced by residents
Purpose

Develop & evaluate a multimedia educational resource prototype using place names of Hanauma

• Introduce Hanauma Bay through its legends & stories of natural history in the naming of locations

• Models educational strategy sharing locally relevant place-based knowledge, audio media, and images

• Used to enhance instruction; not as standalone
Background

- Relevant pre- and post-visit activities add depth of knowledge and retention
- Many informal learning educators somewhat reluctant due to technology knowledge and familiarity
- Students and public increasingly more comfortable with learning virtually
- Shifting learning paradigm
Participants

Informal environmental educators in Hawaii’s resource agencies and environmental education programs

- Environmental educators and education specialists
- Hawaii natural resource agencies and education programs
- Interested in incorporating place-based information into their curricula and activities
Design

- Used Weebly web platform
- Self-paced
- Simple design with menu driven navigation
- Can be non-linear or non-sequential
Multimedia Components

Links to Virtual Views


Sophomore Coed Kamehameha So...

Sophomore Coed Kamehameha So...

Hanauma

by Mary K. Pukui

Mahalo a'e ana au
I ka nani a'o Hanauma
Ke ka kū'ono hālā'i
Pā'ai 'ia e nā palii

Ua makemake nui 'ia
Ke alanui kīke'eke'e
E iho aku ai i lalo
I ke kaaha one 'ākea

He kahua na ka lehulehu
E luana hau'oli ai
E ho'o'oloa like a'e ana
I ka leo hone o ke kai

I am admiring
The beauty of Hanauma
A restful bay
Surrounded by cliffs

Much do I enjoy
The winding road
That leads downward (to)
The wide and sandy beach

A place for the public
To relax happily
To listen together
To the pleasant sounds of the sea

Hanauma Bay

It was a preferred fishing spot of ancient Hawaiians and Hawaiian royalty. Kamehameha the Great's favorite wife, Ka'ahumanu, stayed at Hanauma for a month, holding hula.

Hanauma

by Mary K. Pukui

Mahalo a'e ana au
I ka nani a'o Hanauma
Ke ka kū'ono hālā'i
Pā'ai 'ia e nā palii

Ua makemake nui 'ia
Ke alanui kīke'eke'e
E iho aku ai i lalo
I ke kaaha one 'ākea

He kahua na ka lehulehu
E luana hau'oli ai
E ho'o'oloa like a'e ana
I ka leo hone o ke kai

I am admiring
The beauty of Hanauma
A restful bay
Surrounded by cliffs

Much do I enjoy
The winding road
That leads downward (to)
The wide and sandy beach

A place for the public
To relax happily
To listen together
To the pleasant sounds of the sea
Results and Findings

- One-on-One with SME: interviews, initial formative evaluation
- Peer Review: continued revision of module
- Participant Review: summative evaluation
  - Demographic survey
  - Module Evaluation
Who Participated?

- Thirty participants
- 73% female
- 60% with advanced degrees
- All regular Internet access outside of work
- 67% incorporate multimedia in their work
- All would incorporate online multimedia in their outreach, given reliable access (one exception)
- Broad range of natural history knowledge of Hanauma, but 73% familiar with own area
Module Survey

- Appropriate for target audience
- Material content engaging manner
- 97% felt that content was sufficient
- 78% felt that content presented in engaging to be effective
- 91% felt module was appropriate as a post-visit review and evaluation
Implications and Discussion: What Worked (+)

- 85% strongly agreed this web-based tool is effective for Hanauma; they would use in their own programs
- Good visuals
- Engaging videos
- Different styles of information gave feel of a knowledgeable guided tour
- Knowledge of a place made it more personal to befriend an area
What Came Up Short & Recommended Changes

- Audio files, unfamiliarity with Hawaiian names
- Songs, chants, historical interviews
- Integrate more scientific information
- Larger aerial photos, more resolution (But 2 skipped video download—too long)
- Additional activities to challenge attention and retention of information
Conclusions

• Integration of natural and cultural history successfully shared online gives increased depth of place knowledge
• Strong support for further development of prototype
• Rapid technology advances allow more and more sensory resources
• Effective educational tool; dependent on initiative and interest of learner
• Prototype module for other Hawaii special places
Deeper understanding about a place is often followed by appreciation of that place; through appreciation, stewardship.

Hanauma hula by Niu Valley Middle students at recent Hanauma Bay visit.
Thank you!

Questions?

kumabe@hawaii.edu

Place Names of Hanauma Bay

http://placenamesofhanauma.weebly.com