AHUPUA‘A O WAI‘ANAE RESOURCES

LEEWARD O‘AHU DISTRICT

SCHOOLS IN THE MOKU OF WAI‘ANAE ON O‘AHU

Includes the Wai‘anae complex-area high, middle and charter schools: Nānākuli, Wai‘anae and Ka Waihona o Ka Na‘auao Public Charter School. Some of the Central complex-area also is included in this ancient land division, currently the Lualualei district high and middle schools: Leilehua, Wahiawa and Wheeler. Resources in this area may also be of interest to other nearby Leeward high and middles schools, such as Campbell, Kapolei, and Ilima.

DESCRIPTION OF THIS MOKU

The Wai‘anae moku (ancient Hawaiian land division) includes 9 ahupua‘a extending from Ka‘ena Point at the north to Pili o Kahe Ridge at the south of Nānākuli. In order, the ahupua‘a are: Keawa Ula, Kamanamaiki, Mākua, Ohikilolo, Kea‘au, Mākaha, Wai‘anae, Lualualei and Nānākuli. The uka (mountain) border begins where the Leilehua Plateau in the middle of the island meets the Wai‘anae Mountain Range. Its Wao Kai (coast) includes many beaches and several streams run through most of its ahupua‘a. See ecological characterizations of Wai‘anae and more on this very cool site: http://www.hawaii.gov/dbedt/czm/wec/index.htm
HUMAN RESOURCES IN THE MOKU OF WAI‘ANAE

Alu Like, Inc. - Nānākuli Branch, contact current director Val Crabbe at 668-0555 to find guest presenters, materials related to Hawaiian Studies, and projects related to student education currently being conducted in this community.

Hawaiian Electric Company – Education and Consumer Affairs, contact Sam Nichols at 543-7534. She manages a Resource Center that has videos and books for teachers. The HECO website gives more information on what they have to offer for students: www.heco.com and look under “Generation e” for their education and outreach programs and offerings.

Wai‘anae Harbor – Harbormaster, contact current agent William Aila, Jr. at 697-7095 or e-mail: Waianae.harbor@hawaii.gov for information related to Dept. of Land and Natural Resources (DLNR), current ocean projects, Mālama Mākua and other environmental and Native Hawaiian concerns in this community.

Mākua Military Reserve (MMR) – Environmental Division, contact current chief Joel Godfrey at 656-2878 ext. 1050 or e-mail: godfreyje@schofield.army.mil for guest presenters, to make field trip arrangements to the reserve and its new learning center, and to find out about other US Army projects in this community.

Right at your school! If there is a Hawaiian Language/Studies teacher/kūpuna (elder) at your school, ask for more suggestions regarding Native Hawaiian resources.
FIELD TRIP OPTIONS ON THE LEEWARD COAST

KAÏ EXPLORATION to COAST See trip materials in Binder A, Field Trips folder and in Binder G, More Resources, Extra Student Handouts folder. Included are site observation & limu/seaweed study at Nānākuli Beach Park and Ma‘ili Point.

KULA EXPLORATION of MĀKUA VALLEY See trip materials in Binder A, Field Trips folder and in Binder G, More Resources, Extra Student Handouts folder (including GPS, endangered species, petroglyph & archeology study) and contact Joel Godfrey at the Mākua Military Reserve address in the Human Resources section above.

UKA HIKE IN YOUR OWN AHUPUA‘A See trip materials for a Nānākuli Hike (halfway up Pu‘u Heleakala) in Binder A, Field Trips folder and in Binder G, More Resources, Extra Student Handouts folder (including mapping, rock study, and planting activity). For students living in Ma‘ili, Wai‘anae or Mākaha, Ka‘ala Farms or Kane‘aki Heiau may also be good alternative hikes to see a single ahupua‘a from sea to sky.

KA‘ALA FARMS, INC. Tel. 695-9730
There is no curriculum available on this site, however, Ka‘ala staff will present archeologists’ methods, culture & history talks, demonstrations, a hike to a water source and more. Call and ask them! Ka‘ala Farm map and blurb available at: http://mano.icsd.hawaii.gov/~ckomoek/puulii/puuliiiiVRML2.html

KANE‘AKI HEIAU (MĀKAHA VALLEY) Tel. 695-8174
This site is located on private property but is open to visitors Tue-Sun 10am-2pm, weather permitting. Call the number above to schedule a guided tour. This small restored heiau is appropriate for a short outing to learn about ancient Hawaiian life. This site gives you visual information: http://www.hawaiiweb.com/oahu/sites_to_see/kaneaki_heiau.htm

MĀLAMA EXPLORATION of BISHOP MUSEUM Tel. 848-4168
See Unit 4 for example student activities, worksheet, chaperone notes and itinerary. Trips must be booked in advance with the museum education dept. Note: these trip notes do not include a visit to the new science wing, which was under construction at the time. Also, the museum has loads of materials developed for field trips. Ask them to mail you an Education Guide to Programs & Exhibits. In the guide, you’ll find they have a variety of lending boxes and can make school visits if you cannot come to them.

ADDITIONAL NEARBY FIELD TRIP OPTIONS

Pu‘uokapolei Interpretive Native Garden and Hula Mound Tel. 672-4765
There is no curriculum available for this Kapolei site, however, a short trip could include the interesting history of the area and study of plants with a guest presenter. Shad
Kāne, current president of 'Ahahui Siwila Hawai’i o Kapolei Civic Club, is a good person to contact for a visit here.

**Ma‘o farms**
Tel. 696-5569
This youth farm project in Wai‘anae is described at [http://www.waianaeorganic.com](http://www.waianaeorganic.com) and [www.handsturnedtothesoil.com](http://www.handsturnedtothesoil.com) The farm is not normally set up for field trips, but check the Web sites or call for upcoming events. They do partner with local schools. At the end of the year, they recruit interns for their youth program.

**Kuilioloa Heiau**
For a visual of the heiau at Pokai Bay go to: [http://www.hawaiiweb.com/oahu/sites_to_see/kuilioloa_heiau.htm](http://www.hawaiiweb.com/oahu/sites_to_see/kuilioloa_heiau.htm) This site is ideal to link to lessons in astronomy and navigation, especially with a guest speaker, especially at night.

### Classroom Resources for the Moku of Wai‘anae

This list is comprised of only the most valuable resources for teaching science on the Leeward coast of O‘ahu. Don’t forget to check out the O‘ahu and State Resource folders provided here in Binder A, too! Also, if your budget does not allow you to purchase them, ask your department head, your school librarian or the Wai‘anae Public Library at 85-625 Farrington Hwy (tel. 696-4257) to purchase these items for your use.

### Highly Useful Books & Materials to Borrow or Buy


### Useful Web Sites

- This is the City and County of Honolulu Board of Water Supply Web site. Go to [http://www.hbws.org/cssweb/index.cfm](http://www.hbws.org/cssweb/index.cfm) for the home page and [http://www.hbws.org/cssweb/display.cfm?sid=1126](http://www.hbws.org/cssweb/display.cfm?sid=1126) for a list of watershed projects around O‘ahu, including a few in Wai‘anae.

- This Web site shows a map and gives a brief overview of the demographics, weather charts, public facilities, etc of Wai‘anae: [http://www.city-data.com/city/Waianae-Hawaii.html](http://www.city-data.com/city/Waianae-Hawaii.html)