FIELD TRIP OPTIONS FOR HAWAI’I (BIG ISLAND)

BIG ISLAND GARDENS
There are many excellent places to take students on trips related to all the units of this curriculum. The University of Hawai’i has detailed information on them in this listing of Big Island Gardens.
Web site: http://www.hawaii.edu/sciref/hawaiigrdns.html

FIELD TRIP OPTIONS IN THE KAILUA-KONA SIDE

KONA HISTORICAL SOCIETY MUSEUM, TEL: (808) 323-3222
Located in Captain Cook, this twenty-year-old "history center" covers the history of Kailua-Kona. Tours, lectures and oral histories are part of the museum activities. A ninety-minute walking tour of Kailua is held Tuesday-Saturday at 9:30 am and a Kona Coffee Farm tour takes place Tuesday and Thursday at 9 am. M-F 9 am -3 pm, Sat. open sometimes. There is an admission charge.

THE KOHALA CENTER TEL: (808) 887-6411
This center is near Waimea. Have a look at the brochure online (below) to plan a field trip here &/or other activities for your classes.
Address: P.O.Box 437462, 65-1291A Kawaihae Road, Kamuela, HI 96743
Web site: http://www.kohalacenter.org/
(Also go to http://www.kohalacenter.org/hisp/index.shtml for more great info!)

KALOKO-HONOKOHAU NATIONAL MONUMENT TEL: (808) 329-6881
This site is suitable for a “do it yourself” field trip to view ancient Hawaiian settlements with fishponds, petroglyphs, a stone slide plus an accessible reef to explore flora and fauna (related to Units I & II especially).
Address: 73-4786 Kanalani St., Ste #14, Kailua-Kona, HI, 96740
Web site: http://www.nps.gov/kaho/

THE KONA HEMA PRESERVE TEL: (808)
This Nature Conservatory site in south Kona is not currently accessible to the public, but guided tours are slated for the future, so keep your eyes on this Web site below for updates, and check it out for information on this & other preserves.
Web site:
http://www.nature.org/wherewework/northamerica/states/hawaii/preserves/art2359.html

HULIHE’E PALACE TEL: (808) 329-9555
This was the vacation residence of Hawaiian royalty. Today it is a museum with some cool artifacts (such as sledding & game pieces) plus a fishpond and they offer activities such as lei making, lauhala weaving, and quilting.
Web site: http://www.huliheepalace.org/
PU’UHOMUA O HOMAUMAU NATIONAL HISTORICAL PARK  (808) 328-2288
A historical National Park that shares a glimpse of Hawaiian culture, the arts, and ways of living.

FIELD TRIP OPTIONS HILO SIDE

THE LYMAN MUSEUM & MISSION HOUSE  TEL: (808) 935-5021
Go to this Web site to find out more about Lyman programs, workshops and tours. Besides lots of cultural and historical information, they have a good collection of seashells and minerals.
Web site: http://www.lymanmuseum.org/education.html

THE VOLCANO ART CENTER
To put a different spin on your science, you may want to keep your eyes on this Web site below for workshops (gourd making, plant propagation) and arts activities (plays, music, etc.) for your &/or your students to experience. The Web site also has information about indigenous plants and other resources.
Web site: www.volcanoartcenter.org

VOLCANOES NATIONAL PARK  Tel: (808) 985-6000
The Web site below has all the needed info & an e-Field Trip option with good info and visuals. See also the Inter-Island Field Trips document in this folder for information on overnight stays here.

FIELD TRIP OPTIONS FOR KAUAʻI

BELLSTONES
Bellstones can be found on almost every Hawaiian Island. These stones were struck in a particular spot so a resonant tone was heard afar, usually to signal a significant event, such as a royal birth. This would be a good waypoint enroute to other field trip destinations.
Address: Highway 580, Wailua, East Kauai
Web site: http://www.hawaiiweb.com/kauai/sites_to_see/Bellstone.htm
NATIONAL BOTANICAL GARDEN  
TEL: 742-2623  
These 2 botanical gardens claim the world's largest collection of rare and endangered plants. Tours take 2 hours, Tuesday thru Saturday. Admission fee is high, but they may have discounts for schools.  
Address: Lawai Road, Po‘ipu, South Kaua‘i  
Web site: http://www.hawaiiweb.com/kauai/sites_to_see/NationalBotanicalGarden.htm

HO‘OPULAPULA RICEMILL & TARO FIELDS  
TEL: 808-651-3399  
These kalo lo‘i (flooded taro fields) in Hanalei show an ancient way of life in Hawai‘i. This farm, owned by Ernest Haraguchi, produces more than half of the state’s kalo crop. Tours are free and last about 45 minutes.  
Address: Highway 560, North Kauai  
Web site: http://www.haraguchiricemill.org/  
E-mail: haraguchiricemill@yahoo.com (Interim education coordinator, Lyndsey Haraguchi-Nakayama)

KILAUEA POINT NATIONAL WILDLIFE REFUGE & LIGHTHOUSE  
TEL: Kilauea Lighthouse at 828-1413 and KWF at (808) 828-1413  
Summary: This is an excellent place for a self-guided hike to view fauna (sealife and birds). There is a visitor center and information on plaques.  
Address: Kilauea Road, Kilauea, North Kauai  

MENEHUNE DITCH  
Only a small part of this ancient and once huge irrigation system remains. Archeologists say it was built before the Polynesians ever arrived, while legend states menehune, leprechaun-like people, built it overnight. You may want to also visit the Waimea swinging bridge nearby.  
Address: Menehune Road, Waimea, West Kauai  

ALEKOKO (MENEHUNE FISH POND) & HULEIA LOOKOUT  
This fishpond is between 1000 and 1600 years old and is privately owned, but Kaua‘i High School students are helping a conservation effort. Nearby Huleia National Wildlife Refuge is closed to the public. However, both sites can be seen from viewpoints nearby. Also, information and images of the flora and fauna found here can be seen on the Web pages below.  
Address: Hulemaiu Road, Lihu’s, East Kauai  
SALT BEDS AT SALT POND BEACH PARK (near HANAPEPE)

During the summer, Hawaiians have traditionally evaporated seawater in pans dug out of red soil here to make natural sea salt (used for cooking and for medicinal purposes). The beach, west of Hanapepe and Port Allen, is public, but you cannot enter the salt-making area without permission. Please check www.SciHI.hawaii.edu for updates on how to contact the operators of this business for a possible tour.


HAKAPIAI TRAIL in the NAPALI COAST STATE PARK

Hiking the Hakapiai trail is not for beginners, but this is a beautiful 11 mile hike for viewing native plants and coastline. Take care in rainy seasons and swimming is not advised. Note: cell phones do not work here, so do not go alone. For overnight trips, see the Inter-Island Field Trips document in this folder.


FIELD TRIP OPTIONS FOR LĀNAʻI

KANEPUU PRESERVE & GARDEN OF GODS

This is a good site to visit to study dry forest fauna and flora, unique geological formations, rocks and minerals. The Nature Conservancy may be able to give a guided tour – call them at their Honolulu office: (808) 537-4508.

This site is located about 7 miles outside of Lānaʻi City-Polihua Road


HALULU HEIAU & KANOUULU VILLAGE

This is a well-preserved heiau located across from the ancient fishing village of Kaunolu. Bishop Museum built an interpretive hike here, parts of which are difficult to reach but can be easily viewed on the far side of the gulch. Important Hawaiian history here is found in Kamehameha the Great’s House.


LUAHIWA PETROGLYPHS

A variety of images carved on rocks during ancient times are found at this site in south central Lānaʻi, at the foothills of the Palawai caldera. This would make an great excursion when studying Unit III: Uka / Mountains. Excellent photos of these petroglyphs can also be viewed at:

http://www.alohafriendsphotos.com/Lanai_petroglyphs2.html

Web site: http://www.hawaiiweb.com/lanai/sites_to_see/Luahiwa_Petroglyphs.htm
PU’U PEHE ROCK
This off-shore islet is a protected state seabird sanctuary, but makes a good stopping point if you’re doing a field trip south of Lāna‘i City and want to share the Hawaiian legend told about this site. There is a trail with numerous tidepools and a sea arch to explore. Also, copyright-free photos of a careful study done of this site can be viewed at:

MUNRO TRAIL
This is a very good place to view any ahupua’a on the island.

FIELD TRIP OPTIONS FOR MAUI

EAST MAUI WATERSHED PROJECT (808) 573-6999
EMWP offers four outreach activities for teachers on Maui: classroom presentations, hikes and field studies, information tables at community events, and an annual art contest. For more information on this and more, or to schedule an event just call or write them.
Web site: http://eastmauiwatershed.org/
E-mail: info@eastmauiwatershed.org

HALEAKALA NATIONAL PARK & ʻIAO VALLEY STATE PARK
Tel: (808) 572-4400 (HNP) & (808)587-0400 (DLNR)
The park is open 24 hours a day and there is a $10 admission fee. Educational trips can be based on hiking, star watching, ranger-guided nature programs, etc. See various programs listed on the Web site.
Web site: http://www.nps.gov/hale/pphtml/fees.html
More information can be found if you contact the State of Hawaii, Department of Land and Natural Resources, Kalanimoku Bldg., 1151 Punchbowl St., Honolulu, HI 96813; E-mail: dlnr@exec.state.hi.us

MAUI OCEAN CENTER (808)270-7000
This site is in Wailuku and the school group coordinator can be reached Monday through Friday at (808) 270-7075 for booking a fieldtrip.
Web site: http://www.mauioceancenter.com/Community_Education.html
E-mail: info@mauioceancenter.com

OCEAN DISCOVERY CENTER TEL: 1-800-942-5311
This site in Wailuku has a variety of school programs including whale watches and squid dissections!
Web site: http://www.osdcmauai.org/
E-mail: info@osdcmauai.org
**NATIVE HAWAIIAN PLANTING PROJECT**  
**TEL:** (808) 575-2716  
This project takes place at Ho'okipa Beach Park. Contact Jan Roberson, MPA, Maui Chapter Chair, Surfrider Foundation for more information.  
**Web site:** http://www.surfrider.org/maui/native_planting_project.htm  
**E-mail:** surfrider@hawaii.rr.com

**PACIFIC WHALE FOUNDATION**  
**TEL:** (808) 249-8811  
The Pacific Whale Foundation in Wailuku has various school programs that combine field trips and classroom/lab work. They offer free slide shows, talks, displays and guides. Call for the latest programs.  
**Web site:** http://www.pacificwhale.org/

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**FIELD TRIP OPTIONS for MOLOKA‘I**

**BELL STONES**  
The Bell Stones of Molokai are near the roadside on Halawa Valley Drive. In ancient times this large rock was used like a drum to announce royal events to the rest of the island.  

**HONOULIWAI TARO PATCH FARM**  
**TEL.** (808) 558-8922  
A family owned and operated taro farm is available for educational tours explaining how taro is grown and the cultural and historical significance of taro to ancient Hawaiians.  
**Web site:** http://www.angelfire.com/film/chiangmai/index.html

**ILI‘ILIOPAE HEIAU**  
Tel. (808) 558-8132  
This site is on private land so you must call before visiting. This is the second largest and possibly the oldest religious site in Hawai‘i with a stone platform measuring 320 x 120 feet.  
**Web Site:** http://www.hawaiiweb.com/molokai/html/sites/iliiliopae_heiau.html

**FISHPONDS on MOLOKA‘I**  
There are over 60 fishponds on Moloka‘i, some owned by the state and others privately. Information about them all, especially two important ones – Ali‘i Fishpond in Kaunakakai and Keawanui Fishpond in Kamalo – can be found at the Web sites below.  

**MOLOKA‘I PLUMERIAS WORKSHOP & TOUR**  
**TEL.** (808) 553-3391  
Hawaii’s largest grower/wholesaler of fragrant plumeria lei and flowers offers morning orchard tours where you pick and sew your own leis, but there is an admission charge.  
**Web Site:** [http://molokaiplumerias.com/index.html](http://molokaiplumerias.com/index.html)  
**E-mail:** amoe@mobettah.net
FIELD TRIP OPTIONS ON O’AHU

HONOLULU AND SOUTH SHORE AREAS

AEROSPACE MUSEUM AT HONOLULU AIRPORT  Tel. (808)-839-0777
The Pacific Aerospace Museum is located at the Honolulu International Airport central lobby. The museum teaches visitors about the pioneers of aviation and the latest in aerospace technology. "Build" a computer-assembled airplane and see if it will fly. Use the flight simulator and check out a full-scale model of a space shuttle cockpit. Good trip to link to SciHI curriculum on simple machines (see More Resources binder, Physics Folder).
Web site: http://www.hawaiiweb.com/oahu/sites_to_see/pacific_aerospace_museum.htm

BERNICE PAUAHI BISHOP MUSEUM              Tel. (808) 847-3511
Contact Information: Call the Education Department at (808) 848-4168 to arrange for tours and group rates.
"The" state museum of natural and cultural history. Facilities include: Science Exhibit, Planetarium, Pacific Regional Conservation Center, Theatre, Auditorium, Library and Archives. Activities include lectures, films, education programs for children, concerts, field trips and excursions. Kamaʻaina admission charge for over age 12 is $7.95. Bishop Museum has lending boxes for classroom use if a field trip is not feasible – there may be a fee for this.
Address: 1525 Bernice Street Honolulu, HI 96817
Web site: http://www.bishopmuseum.org/

FOSTER BOTANICAL GARDEN                                        Tel. (808) 522-7066
Includes orchid display, exceptional trees and an “economic garden” which has spices, dyes, and beverage plants. Fits in with Unit II: Kula in the SciHI curriculum. Admission: $3 for Hawaiʻi residents.
Address: 50 North Vineyard Boulevard Honolulu, HI 96817
Web site: http://www.co.honolulu.hi.us/parks/hbg/fbg.htm

HALAWA XERISCAPE GARDEN & PUMPING STATION  Tel. (808) 527-6113
This is a 3 acre botanical park with over 300 varieties of plants which conserve water. Free one hour guided tours are available by appointment only to groups of 15 or more. Another attraction at the same site is the guided tour of the underground pumping station, which is at sea level and accessed by a 3 minute tram ride down several hundred feet of mountainside.
Address: 99-1268 Iwaena Street Honolulu, HI 96701 (near Aloha Stadium)
Web site: http://www.hbws.org/cssweb/display.cfm?sid=1135
HANAUMA BAY STATE UNDERWATER PARK  Tel. (808)-396-4229
Marine preserve located in a beautiful horseshoe bay - home to hundreds of tropical fish. Ideal snorkeling for novices. Picnicking, free educational tours. Free to children 13 and under and residents of Hawai‘i.
Address: 7455 Kalanianaole Highway

HUI KU MAOLI OLA NURSERY  Tel. (808) 259-6580
Welcomes students to visit the nursery from 2 hours to all day. Ask for Matt Schirman. Also provides native seeds and cuttings to teachers (see Classroom Resources document under O‘ahu Suppliers in this binder, page A-130).
Address: 41-888 Kaka‘ina St. Waimanalo, HI 96795
Web site: www.nativehawaiianplants.com
E-mail: nativehiplants@aol.com

KOKO CRATER BOTANICAL GARDEN  Tel. (808) 522-7060
Try an unusual hike through this extinct volcano crater containing 200 dry acres of flowers, cactii, aloe, palms. Free admission.  Good to combine with tidepool trip at Makapu‘u Point on the south of the island.
Web site: http://www.co.honolulu.hi.us/parks/hbg/kcbg.htm

LYON ARBORETUM  Tel. (808) 988-0456
Over 8,000 plant species in 194 acres of rain forest. Extensive hiking trails - nearby Mānoa Falls trail is 0.75 mile/45 minutes one-way. Guided and self-guided tours are available. Free admission.  Fits well with Unit II: Kula.
Address: 3860 Manoa Road, Honolulu, HI 96822
Web site: http://wwwdev.hawaii.edu/lyonarboretum/

MARITIME MUSEUM & FALLS OF CLYDE  Tel. (808) 523-6151
Pier 7 near Aloha Tower has both these sites which combine to make an interesting trip.  The museum looks back at Hawaii’s maritime history (discovery by Polynesian navigators, to contact with the west, to the effects of whaling – check out the humpback whale skeleton). The Falls of Clyde is the name of a restored ship of historic significance.  More info on can be found on the SciHI CD in the More Resources Binder, Teacher Sharing Folder.
Address: Pier 7 Honolulu, HI 96813
**MOANALUA GARDENS FOUNDATION**  
Tel. (808) 839-5334  
Guided tours of the gardens plus field trips, lectures with slide shows, volunteer opportunities and school programs are available. The historic valley includes native plants and petroglyphs. The Web site also has lots of good info on summer workshops for teachers and other curriculum resources – see their “Links” and “School” keys on the left (note: most school material is for K-8).  
**Address:** 1352 Pineapple Place Honolulu, HI 96819  

**NATURE CONSERVANCY OF HAWAI‘I**  
Tel. (808) 537-4508  
The Nature Conservancy of Hawai‘i has several preserves on O‘ahu, including the Honouliuli Preserve. The Conservancy’s mission is to protect the finest remaining examples of native plants, animals and natural communities in Hawai‘i. Call about hikes & volunteer work trips (good fit with Unit IV: Malama)  
**Address:** 923 Nuuanu Avenue Honolulu, HI 96817  
**Web site:** [http://nature.org/wherewework/northamerica/states/hawaii/](http://nature.org/wherewework/northamerica/states/hawaii/)

**SEA LIFE PARK**  
Tel. (808) 259-7933  
Over 4,000 sea creatures including endangered species and Hawaiian coastal plants. Amenities: Restaurant, snack bars, reef tank, gift shops, education center. Admission charge is $4.95 for high school students. Adults are $7.95. For every 10 paid students one adult is admitted at no charge. (You can watch the sea lions from the open air restaurant without going into the park!) This could be good as part of an all day trip combined with a visit to the Makapu‘u tidepools, Koko Crater Botanical Gardens &/or Hanauma Bay nearby.  
**Address:** Makapu‘u Point, Waimanalo, HI 96795  
**Web site:** [http://sealifepark.dolphindiscovery.com/](http://sealifepark.dolphindiscovery.com/)

**HONOLULU ZOO**  
Tel: 971-7171  
**WAIKIKI AQUARIUM**  
Tel: 923-9741  
Visits to both these sites can easily be done in a single trip as they are located a short 15 min. walk apart in Kapiolani Park near Waikiki. The zoo includes birds, an Elephant Encounter, simulated African Savanna and Endangered Species Exhibit – over 1200 fauna in all. The Aquarium has 250 sea creatures. A sleepover trip at the zoo is an option, and good resource info on animal evolution is at: [http://www.math.hawaii.edu/~dave/honzoosoc/HZS_Guide_Evolution.pdf](http://www.math.hawaii.edu/~dave/honzoosoc/HZS_Guide_Evolution.pdf)  
Aquarium admission is $4 for youths ages13-17, $6 for local adult residents.  
**Zoo Address:** 151 Kapahulu Avenue, Waikiki, HI  
**Zoo Web site:** [http://www.honoluluzoo.org/](http://www.honoluluzoo.org/)  
**Aquarium Address:** 2777 Kalakaua Avenue Honolulu, HI 96813  
**Aquarium Web site:** [http://www.waquarium.org/](http://www.waquarium.org/)
FIELD TRIP OPTIONS ON THE NORTH SHORE

WAIMEA VALLEY AUDUBON CENTER
Tel. 638-9199
This Audubon Center offers hands-on opportunities for students to view rare and endangered Hawaiian flora and fauna, plus rich archaeological sites in hundreds of acres of paths and hiking trails. Unit II: Kula / Midlands curriculum fits well with a trip here, or
Address: 59-864 Kamehameha Highway, Haleiwa, HI 96712
Web site: http://www.audubon.org/
E-mail: waimea@audubon.org

PU’U O MAHUKA HEAIU (PŪPŪKEA, O’AHU)
See the link to the brochure below for more information and a detailed explanation of the site.

KA’ENA POINT
This Sanctuary & Reserve is the westernmost point of the island of O’ahu and is significant for its unique dune ecosystem and because of its spiritual value to Hawaiians. Take care (if not an expert guide) when viewing native species here.
Web site: http://www.k12.hi.us/%7Ewaianaeh/waianhi/kaena.html

JAMES CAMPBELL NATIONAL WILDLIFE REFUGE
Tel. 637-6330
This site is a 160+ acre wetland habitat primarily devoted to the recovery of four endemic water birds. Contact the refuge manager for permission &/or a tour from August 1 to February 15. Guided public tours are on Thursdays (4-5:30 p.m.).
Address: The Refuge Office 66-590 Kamehameha Highway Haleiwa, HI

HAWAII’S POLYNESIAN CULTURAL CENTER
Tel. 293-3005
Students can learn about Polynesian history and Hawaii’s many ethnicities (Hawaiian, Samoan, Maori, Aotearoa (New Zealand), Fijian, Tahitian, the Marquesans and Tongans) here with lots of hands-on activities.
Email: culturalexpert@polynesia.com

FIELD TRIP OPTIONS FOR WINDWARD O‘AHU

COCONUT ISLAND
TELE: (808) 236-7401
The Hawai‘i Institute of Marine Biology is located on this site and can accommodate a small group for a field trip (see www.SciHI.hawaii.edu this fall for footage of one such trip). You may also want to contact (808) 235-2888 to find out about glass bottom boat tours.
Web site: http://www.hawaii.edu/HIMB/
Part of the Kamauoha Foundation, this organization aims to increase employment of Native Hawaiians in a self-sustainable business in agriculture. You may be able to arrange a free workshop and view the noni (*morinda citrofolia*) farm and business.

**Web sites:** [http://kamauohafoundation.org/projects.html](http://kamauohafoundation.org/projects.html) & [http://www.kamauohafarms.com/the_project.html](http://www.kamauohafarms.com/the_project.html)

**FIELD TRIP OPTIONS FOR LEEWARD O‘AHU**

**HAWAII'S PLANTATION VILLAGE**

Located at the Waipahu Cultural Garden Park, Hawaii's Plantation Village is an outdoor museum showing the lifestyles and experience of Hawaii’s plantation workers. Entrance fee: $2.50 for students, $3.00 for chaperones and free for teachers.

**Address:** 94-695 Waipahu St. Waipahu, HI

**Web site:** [http://www.hawaiiplantationvillage.org/](http://www.hawaiiplantationvillage.org/)

**E-mail:** hpv.waipahu@verizon.net

**NOTE:** See also the document entitled Waianae Moku Resources in the About Hawaii’s Islands folder of this binder on page A-110. There are many more options!