

FIELD SITES: GRADE 6

'ŌPALA OUTING

Mahalo to: Schnitzer Steel, HPOWER, Hawaiian Earth Products, and Waimānalo Gulch Landfill

Mālama Our 'Āina

Ku i ka welo.

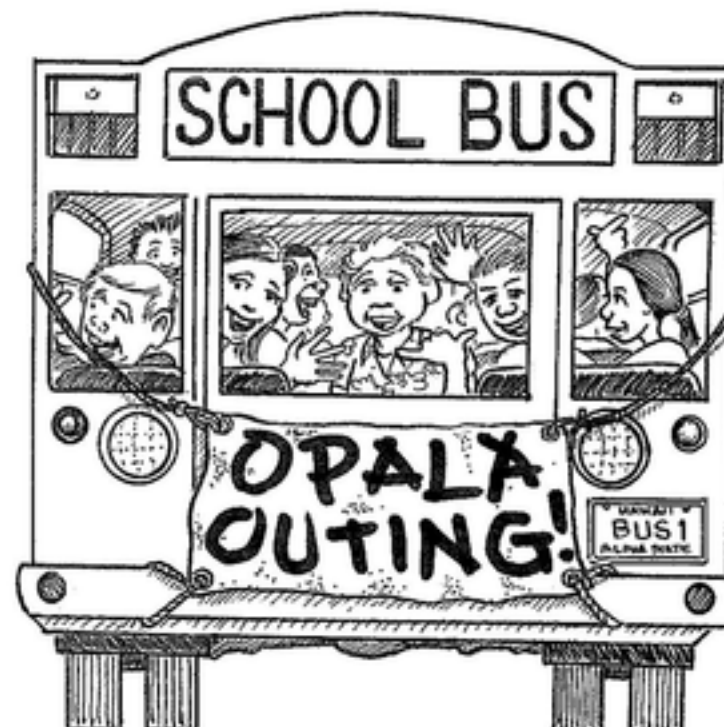
Fits into the family behavior.

Whether good or bad, one's behavior is judged by the family he belongs to.

(Mary Kawena Pukui, 'Ōlelo No'eau No. 1879)

Please review the following guidelines to help prepare students for the field trip:

- We will visit four businesses that are involved in recycling efforts: Schnitzer Steel Hawaii Corp., H-Power, Hawaiian Earth Products, and Waimānalo Gulch Landfill.
- It is important to show *hō'ihi* (respect) for this *wahi* (place) and for one another by treating all volunteers and fellow students with respect.
- Give your full attention to your group leaders so everyone benefits from the experience.
- Stay with your group and do not wander off.
- Place all of your belongings, including bottled water in a backpack so that your hands will be free.



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Ukana

What to bring...

E hume i ka malo, e ho'okala i ka ihe.
 Gird the loincloth, sharpen the spear.
 A call to prepare for the project at hand.
 (Mary Kawena Pukui, 'Ōlelo No'eau No. 299)

Teacher's Ukana (Supplies)	Students' Ukana
<ul style="list-style-type: none"> • name tags • day's agenda • first aid kit • trash bag • athletic shoes • hat • sunscreen • lunch and water in backpack • cellular phone (optional) • liquid soap or sani-wipes • paper towels • distribute Learning Log Sheet 8 to each student • ensure students each have a pencil • digital camera (for taking pictures during the field trip) 	<ul style="list-style-type: none"> • backpack • water in small unbreakable container • lunch with as little disposable packaging as possible • athletic shoes • comfortable clothing • hat • sunscreen • nametag

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'ŌPALA OUTING

DIRECTIONS TO SITE

'Ōpala Outing (tour of recycling facilities)

- A. 9:00 a.m. - Schnitzer Steel Hawaii Corp. – scrap metal processing and recycling facility
- B. 9:45 a.m. - H-Power – waste to energy recycling facility
- C. 10:30 a.m. - Hawaiian Earth Products – green waste, compost recycling
- D. 11:10 a.m. - Waimānalo Gulch Landfill
- E. 11:45 a.m. - LUNCH (Kapolei Regional Park)

A. 91-056 Hanua St. (Schnitzer Steel Hawaii Corp.)

- Go west on H-1
- Take H-1 Exit toward Pearl City
- Merge onto Kalaeloa Blvd. / HI-95 S via EXIT 1 toward Campbell industrial park / Barber's Point
- Turn right onto Olai St.
- Turn left onto Hanua St.
- End at Schnitzer Steel
-

B. 91-174 Hanua St. (H-Power)

- Go north on Hanua toward Olai St. (
- End at H-Power (appx. .35 miles away from Schnitzer Steel)

C. 91-400 Malakole St. Hawaiian Earth Products

- Go north on Hanua St. toward Komohana St.
- Turn left onto Malakole St
- End at Hawaiian Earth Products (appx. 1.07 miles away from H-Power)

D. D. 92-460 Farrington Hwy. (Waimānalo Gulch Landfill)

- Go east on Malakole St. toward Hanua
- Turn left onto Kaleloa Blvd.
- Take the H1 E ramp toward Honolulu / Kaleloa
- Take the ramp toward Makakilo / Kapolei / Kalaeloa
- Turn slight right onto Farrington Hwy.
- Turn left onto Farrington Hwy East
- End at Waimānalo Gulch Landfill (appx. 4.32 miles from Hawaiian Earth Products)



MUFI HANNEMANN
MAYOR

DEPARTMENT OF ENVIRONMENTAL SERVICES

CITY AND COUNTY OF HONOLULU

REFUSE DIVISION

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ERIC S. TAKAMURA, Ph.D., P.E.
DIRECTOR

FRANK J. DOYLE, P.E.
CHIEF

IN REPLY REFER TO:

RELEASE AND DISCLOSURE AGREEMENT

In consideration for my visit to the Waimanalo Gulch Sanitary Landfill at 92-460 Farrington Highway, Kapolei, Hawaii, I agree to assume all risks other than risk of injury or damage to property created by the intentional or grossly negligent acts or omissions of the City and County of Honolulu and/or Waste Management of Hawaii or any of its affiliates associated with my visit to or inspection of the facility on the dates indicated next to my signature below.

I waive any right which I may have, or which any of my heirs, successors or assigns may have, to make any claim or bring any suit against the City and County of Honolulu and/or Waste Management of Hawaii or any of its affiliates (referred to as the "Releasee") or any director, officer, employee, representative or other agent thereof, if I am injured in any way or if any of my property is damaged in any way (other than injury or damage caused by the intentional or grossly negligent act or omission of the Releasee) during my visit to or inspection of the Waimanalo Gulch Sanitary Landfill.

Date(s) of visit(s)

Signature*

Print Name

Affiliation

Address

Phone

***PARENTS SIGNATURE REQUIRED FOR MINORS**



RELEASE AND DISCLOSURE AGREEMENT

In consideration for my visit to the HPOWER facility at 91-174 Hanua Street, Kapolei, Hawaii, I agree to assume all risks other than risk of injury or damage to property created by the intentional or grossly negligent acts or omissions of the City and County of Honolulu and/or Covanta Energy Honolulu Resource Recovery Venture or any of its affiliates associated with my visit to or inspection of the facility on the dates indicated next to my signature below.

I waive any right which I may have, or which any of my heirs, successors or assigns may have, to make any claim or bring any suit against the City and County of Honolulu and/or Covanta Energy Honolulu Resource Recovery Venture or any of its affiliates (referred to as the Releasees") or any director, officer, employee, representative or other agent thereof, if I am injured in any way or if any of my property is damaged in any way (other than injury or damage caused by the intentional or grossly negligent act or omission of the Releasees) during my visit to or inspection of the HPOWER facility.

Date(s) of visit(s)

Student's Name

Parent/Guardian's Signature*

Print Name

Affiliation

Address

Phone

* PARENT'S SIGNATURE REQUIRED FOR MINORS