

WHAT DO STUDENTS GET IN RETURN?

Students participating in service-learning have the opportunity to:

- Foster concern and appreciation for coastal environment
- Encourage wise stewardship
- Connect course work with challenges in the community
- Accept civic responsibility
- Develop team-building (*laulima*) skills



***E Mālama Hanauma* Service-Learning Stewardship Program is aimed at taking care of the terrestrial and marine environment encouraging life-long learning and stewardship for Hawaii's environment.**

PLEASE CONTACT US

For more information regarding our education programs, or to schedule an educational permit and orientation for your group, please contact us at:

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E Mālama Hanauma: **Service-Learning Program**



Hanauma Bay is unlike any other beach park in Hawai'i. It is a Nature Preserve and a Marine Life Conservation District (MLCD) located in Southeast Oahu. Its living reef and coastal environment offers a wonderful opportunity to learn and educate.

Founded in 1990, the Hanauma Bay Education Program (HBEP) is a non-profit, volunteer-based organization whose mission is to enhance appreciation and promote understanding and stewardship of Hanauma Bay and Hawaii's marine and coastal environment through public education.

Over the years, Hawaii's threatened marine/terrestrial habitats have suffered the most damage by human influence (i.e. marine debris, development of Hawaii's shores for tourism, and continued introduction of highly invasive alien coastal species (*Solmer and Gustafson, 1987*)).

Hanauma Bay's coastal/dry-land native plants are characterized by survival adaptations to salt spray, high substrate salinity and wind exposure. They appear to be extremely rare, especially those within the coastal region (0-300m elevation).



***MISSION:**

❖ *To promote the stewardship of Hanauma Bay and the preservation of Hawaii's coastal environment.*

❖ *To integrate education and service by encouraging rigorous content, relevant application and collaborative relationships.*

GOALS:

- Develop widespread sense of place and stewardship for Hanauma Bay
- Increase public appreciation for unique natural environment and cultural history
- Develop healthy initiatives for caring for the coastal environment through community support and action



E Mālama Hanauma
INITIATIVES

Nurturing Our Natives (SL option #1)

Removal of alien invasive weeds (such as Chinese Violet and Biden's weed) will give native species a chance to recover.

Activities include community partnerships, education and outreach.



Biden's Weed
Bidens frondosa
(ALIEN/INVASIVE)



Chinese Violet
Asystasia gangetica
(ALIEN/INVASIVE)

Pesky Marine Debris (SL option #2)

Marine debris has become one of the most widespread pollution problems facing the world's oceans and waterways. By becoming a JMCS, you can do your part in helping decrease the amount of marine debris in our oceans. From simply picking up trash and placing it in a proper receptacle to recycling, you can do it on a daily basis.



MLCD Stewards (SL option #3)

Utilizing our "Ho'okipa Cart," marine life biology, uniqueness of Marine Life Conservation District (MLCD) areas, history of Hanauma Bay, and promotion of good reef etiquette will be established with the visiting public & service-learning volunteers.

INFORMATION:

E Mālama Hanauma caters towards high school and college students. Service-learning opportunities take place in the park areas at Hanauma Bay and within the Education Center. The service-learning orientation runs for ~2 hours, however, allotted time can be extended with justification.



EDUCATIONAL ORIENTATION PROVIDED:

All visitors to the Nature Preserve are required to view a 9-minute educational video before accessing the beach. Your group will enjoy a private showing as part of your orientation.

Educational visits can be tailored to the learning goals of the class, including standards-based programs.

Examples of topics that may be addressed in your orientation:

- 🌿 **Marine Protected Areas (MPAs)**
- 🌿 **Marine Life Identification**
- 🌿 **Reef Ecology**
- 🌿 **Coastal Conservation**
- 🌿 **Cultural Significance**
- 🌿 **Coastal Plant Biology**