



Connecting children and families to nature

**ATTENTION MIDDLE SCHOOL
SCIENCE TEACHERS!**
**Announcing Hands-on, Outdoor Science
Field Trips Grades 6-8!**

These unique place-based science programs offer hands-on, STEM-related field activities that correlate with NGSS earth and life science standards. Scholarships are available for Title 1 schools, as well as non-Title 1 schools who are in need of funding support.

From Mauka to Makai:
Understanding Climate Change Impacts
in the Ahupua'a

These two field trips focus on investigating climate change impacts from ridge to reef and are designed to complement each other, one Mauka and one Makai. There is a discount for booking BOTH field trips.



Mauka Field Trip – Makiki Valley

Students will learn the basic science of climate change and how humans are the main contributors of today's global warming. The day is packed with three hands-on activities out in the field that relate to sustainability and doing our part in helping to slow down the worst effects of climate change.

- Stream Investigations/Water Quality
- Adventures in Biomimicry
- Forest Explorations

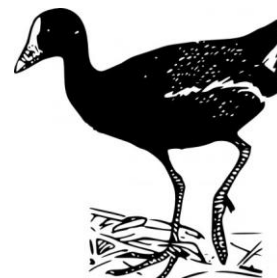
Makai Field Trip – Sandy Beach

Students will learn about climate impacts on the shoreline, coastal wildlife, tide pools, and coral reefs through three hands-on rotations:

- Tide Pool Investigations
- Coastal Hike
- Garbology/Marine Debris

Exploring Hāmākua: Watersheds, Wetlands, and Waterbirds

Our newest middle school program covers wetland ecology, endangered waterbirds, climate change, and traditional Hawaiian land management concepts within the middle region of the ahupua'a. This program is a great addition to our Mauka and Makai field trips, with discounts for booking multiple field trip dates.



Students will explore Hāmākua Marsh through the three hands-on rotations:

- Bird Identification
- Water Quality/Biodiversity Tests
- Service Project/Wetland Walk-About

TO REGISTER:

Email: schools@hawaiinaturecenter.org

Registration begins via email November 1, 2017. Bookings are made on a first-come, first-serve basis

FOR MORE INFORMATION: Contact Program Coordinator Chai Blair-Stahn at 955-0100 ext. 114