



Connecting children and families to nature

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

HNC is offering THREE unique, science-based field trips with hands-on activities focused on understanding climate change impacts from the ridge to reef. These place-based programs are aligned with the Next Generation Science Standards (NGSS) - Disciplinary Core Ideas (DCIs) in the earth and life sciences, and promote wise stewardship of our islands. Each of the field programs takes place in a different ecosystem - forest, wetland, and coastal. They are designed to complement one another but can also stand alone and can be booked separately. There is a discount for booking multiple field programs and/or field trip dates. Scholarships are available for Title 1 schools and non-Title 1 public schools who are in need of funding support.

## **Understanding Climate Change Impacts in the Ahupua'a**

### **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



### **Wetland Field Trip – Hāmākua Marsh**

Students will explore a wetland in Kailua and learn about wetland ecology, endangered waterbirds, and links to climate change, including impacts and mitigation.

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

### **Makai Field Trip – Sandy Beach**

Students will discover how climate change is impacting the shoreline, coastal wildlife, tide pools, and coral reefs through three hands-on rotations.

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



### **TO REGISTER:**

Email: [schools@hawaiinaturecenter.org](mailto:schools@hawaiinaturecenter.org)

Registration begins via email May 10, 2018. Reservations are made in the order in which the email was received.

### **FOR MORE INFORMATION:**

Contact Interim Education Program Manager Chai Blair-Stahn at 955-0100 ext. 114