



West Hawai'i Explorations teacher Ben Duke, (at his school near the park), collects rain data with a rain gauge.

Citizen Science

Kaloko-Honokōhau NHP is a partner of the Collaborative Community Rain, Hail, and Snow Network (CoCoRaHs). Precipitation data collected by citizens in the network are used by water resource managers and policy makers.



Special events with water science in the park

World Water Day – March
‘Ohana Day – February
Children’s Cultural Festival – November



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Kaloko-Honokōhau National Historical Park

Ka Wai a Kāne
Water– Giver of Life

Water Science Education



College of Natural Sciences
Education & Outreach Center



Pre-Visit Classroom Activity

Anchialine Pool STEM Kit

The models illustrate the saltwater freshwater interactions and the effects of over consumption of freshwater on anchialine pool chemistry and biology.

These materials are appropriate for grades 4 – 12 and adult professional development.



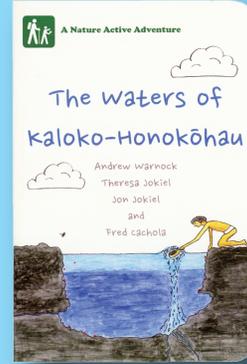
One classroom set of materials is housed at West Hawaii Explorations Academy and another is available for one-week loans through the park.



Park Visit Trail Activities

The Waters of Kaloko-Honokōhau self-guided hike booklet

Designed primarily for parents and teachers to create a fun and engaging two to three hour experience in the park. The guide is based on the wealth of knowledge contained in the “Waters of Kāne,” an ancient Hawaiian chant.



Hands-on Electrical Conductivity Pack

Teachers wishing to add another level of engagement to the Waters of Kaloko-Honokōhau self-guided walk, can borrow the pack which contains seven individually packaged probe sets for easy measurement of the salt content all of the types of water found at the park.



Post-Visit Classroom Activities

School Water Budget STEM Kit

This kit teaches about the water cycle by having students assess all of the water inputs and outputs of their school grounds. Teams explore Evaporation, Precipitation, Infiltration, Runoff and Transpiration and determine if their school’s water use is in balance with the environment or not.

These materials are appropriate for grades 4 – 12. The kit is available for one-week loans through the park.



3-D Paper Model

This paper craft is a fun way for students and park visitors to share what they learned about Hawaiian groundwater with family and friends.

