

Aloha Kindergarten Chaperones

Mahalo for taking time today to join us at Waihe'e and for assisting me in the science field activity.

We are considering erosion as a force of nature that changes the natural system over time. We want to notice forces of erosion and consider the impact on the natural and human systems.

Our purpose in taking students into the field for this activity rather than just doing it at school is to allow them to **see for themselves** the impacts of erosion as they **feel some of the forces** that cause these changes in the land.

Students will look for patterns (wind, wave) and variations (seasons, storms, animals) that cause erosion. We will construct a simple model of a system and demonstrate how erosion changes the land over time.

I will use words like erosion, deposition, accretion, sediment as we observe and discuss. It is fine if the kindergarten student language "translates" that into breaking down, washing or blowing away, building-up and sand/mud particles. What we want to do as adult guides is to encourage observation and descriptive use of language to communicate those observations.

You can join our learning adventure by:

- Tuning into to the surroundings, demonstrate a questioning mind ("I wonder why...", "When I see _____ I think about _____", *you get the idea*)
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- Encourage team cooperation during the activity ("How could we all have a part in building the model?", "How can you help us?", "How could we show _____ in the model?")
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- Keep social conversations and cellphone use for another time
- Assist students with use of materials and set-up for classes that follow
- Have Fun! Explore along with us, share your experiences about erosion.

Mahalo,
Merrill Ranken
STEAM Teacher