

Waihee Center Explanation (2nd Grade)

Aloha,

Thank you for participating in our 2nd grade Waihee Beach field trip. The schedule is as follows:

8:15-8:30 - all students and staff on the bus

8:45-9:15- bus arrives and we walk into the site

9:15-Welcome (Large circle /Agreements and Responsibilities)

Mrs. Neeck to review expectations for the day to students.

Time	Center 1 Marine Debris clean-up Sand observation (teacher)	Center 2 Nature Walk/ collect 2 or 3 living/non-living samples. Now draw 1 item of nature. (teacher)	Center 3 Science Center/Pro- scope and Symbiosis discussion (Mrs. Terawaki)	Center4 Ahu'awa Bracelets (Kumu)
9:30-10:00	Neeck students	Yagi students	Acopan students	Lewis students
10:05-10:35	Yagi students	Acopan students	Lewis students	Neeck students
10:40-11:10	Acopan students	Lewis students	Neeck students	Yagi students
11:15-11:45	Lunch	Lunch	Lunch	Lunch
11:45-12:15	Lewis students	Neeck students	Yagi students	Acopan students

11:15-11:45 Lunch (clean-up should be included)

12:15-Final clean-up and collection of center items. Walk to bus pick-up

12:45-at the bus drop off waiting to be picked up/Back to school by 1:00

Chaperone Kuleana:

- 1) Engage and monitor your assigned class of students
- 2) Keep track of time and help the group instructor know when it is time to move to the next point
- 3) Encourage your students to participate and have fun.
- 4) Enjoy yourself !!

Chaperone transportation is your choice. You may ride the bus with us or meet us at the site. Please let your students teacher know if you will accompany us on the bus.

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In Center #1- Beach clean-up and Shore sand observation- Half the class picks up trash from the shore. We bring it back to the school to use objects as "Paul Wood" writing (Ode to "object" - Where have you been?, What have you seen?). The other half of the class- is on the mats in and observation of a small sample of sand from the beach. Students pair to discover (with the naked eye) and tally the objects or findings they observe from the sample. Groups switch

In Center #2- Nature Walk (Living and Non-Living)/Observational Drawing- Nature Walk/ Students collect 2 or 3 items from the walk with regards to Living and Non-Living items. Back on the mats students choose one item to draw on the observation sheet. This drawing (with labeling)is brought back to science journals to glue in and to compare and contrast to other students discoveries living and non-living.

In Center # 3 Science Pro-Scope and Discoveries /Prediction Discussion. Half students with Pro-scopes compare what is seen in the sand with the help of technology as opposed to what was found with the naked eye. Make observational drawings to bring back and glue into science journal.

Other half -discussion or make predictions what might be the findings with the help of tech?

Then, **use essential questions to ignite discussion: in what ways do humans affect nature? Are there always solutions to problems created by humans? What are some of the ways we can fix or prevent damage?** Groups Switch

In Center #4 Ahu'awa Bracelets- In this center students all learn to use the natural resources that are created by mother earth. We learn the past uses and how the resources can also be used in present. (use representation of tea leaf)

Discussion: Essential Questions: Can you tell us the value or importance of these plants? Why do we need to make sure plant species survive?

Year-long overarching Standard:

Strand Life and Environmental Sciences (Symbiosis)

Standard 3: Life and Environmental Sciences: ORGANISMS AND THE ENVIRONMENT: Understand the unity, diversity, and interrelationships of organisms, including their relationship

to cycles of matter and energy in the environment

Topic Interdependence:

Benchmark SC.2.3.1 Describe how animals depend on plants and animals

The student: Describes how different animals use plants and animals (e.g., for food, for building nests, etc....).

Standard 1: The Scientific Process: SCIENTIFIC INVESTIGATION: Discover, invent, and investigate using the skills necessary to engage in the scientific process

Scientific Inquiry: SC.2.1.1 Develop predictions based on observations about the world around them.

Students make predictions based on observations about living and non-living organisms.