

**Goal(s): Student will**

- increase knowledge about scientists in Hawai'i.
- increase skills in working collaboratively.

## Unit I

### Relating to Science

### Lesson #18

**Standards:**

- Science 1-2
- Language Arts 1-2, 4, 6
- Career & Tech Ed 1-2
- GLO 1-5

Topic	Task/Activity	Materials/Time	Notes
Entry	<ul style="list-style-type: none"><li>• Share answers on Unit Study Guide with 2 peers.</li></ul>	Unit Study Guide	
Review	<ul style="list-style-type: none"><li>• Check for clarification on any questions on study guide.</li></ul>	Unit Study Guide	
Preview	<ul style="list-style-type: none"><li>• Display OH #1.1 and connect to today's 3 topics:<ol style="list-style-type: none"><li>1. Unit Review Game.</li><li>2. Ka 'Upena Project preparation.</li><li>3. Scientists in Hawai'i (present)</li></ol></li></ul>	Unit Overview OH #1.1	
Review Game (Turn 4)	<ul style="list-style-type: none"><li>• Instruct or remind Ss how to play Turn 4 (reading directions and clarifying process and modeling, if necessary).</li><li>• Invite Ss to form heterogeneous groups and ask one S from each group to obtain materials.</li><li>• Review activity step and inform Ss that they have 20 minutes for this activity.</li><li>• Monitor groups as needed.</li><li>• Alert Ss when they have 2 minutes remaining.</li><li>• Debrief by answering any questions about the unit test.</li></ul>	List of Groups "TURN 4" Game cards –1 per group Scissors  Est: 20-25 minutes	

Topic	Task/Activity	Materials/Time	Notes
Ka 'Upena Project Presentations	<ul style="list-style-type: none"> <li>Discuss Ka 'Upena Projects presentations by: <ul style="list-style-type: none"> <li>Clarifying when Ss will do presentations.</li> <li>Reviewing Oral Presentation Rubric and Poster.</li> <li>Identifying protocols for audience (e.g., listening, taking notes).</li> <li>Encouraging Ss to practice presentation.</li> <li>Reminding Ss of length of presentation (e.g., 2-3 minutes).</li> </ul> </li> <li>Remind Ss to check visual display and oral presentation rubrics for final preparation of project.</li> </ul>	Display sequence of presentations, Oral Presentation poster, And/or Ka 'Upena Guide pg. 2  Est: 5-10 minutes	
Scientists in Hawai'i	<ul style="list-style-type: none"> <li>Invite Ss to revisit WebQuest information by sharing: <ul style="list-style-type: none"> <li>something they appreciate about a person's work.</li> <li>notable fact or interesting detail.</li> <li>question about the work of the scientist.</li> </ul> </li> </ul> <p><b>OPTIONAL art extension:</b> <i>Invite Ss to create 11x17 posters about these scientists and career fields to post in school).</i></p>	Ss notes on scientists in Hawai'i  Est: 10 minutes	
Review	<ul style="list-style-type: none"> <li>Ask Ss to share why scientists in Hawai'i are important, career choices of interest in science, or how Hawaii is a special place to study science.</li> </ul>	Est: 2-3 minutes	
Homework	<ul style="list-style-type: none"> <li>Explain homework assignment while referring to the wall chart or OH #18.1</li> </ul> <p><b>WHAT:</b> 1. Review for Unit Post-test</p> <p><b>How:</b> 1. Review Study Guide and Unit 1 notes.</p> <p><b>WHAT:</b> Ka 'Upena Project Presentation</p> <p><b>HOW:</b> 1. Practice 'Upena Project presentation.</p>	Wall-chart or OH #18.1  Unit Study Guide ObLog Ka 'Upena Project	