

**Goal(s): Student will**

- increase knowledge of the history of science and scientists in Hawai'i
- increase study skills for Post-test.
- increase skills in presenting, working cooperatively, using technology, and studying for written exams.

## Unit One

### Relating to Science

#### Lesson #16

**Standards:**

- Science 1-2
- Language Arts 1-4, 6-7
- Social Studies 6
- Career & Tech Ed 1-2
- GLO 1-6

Topic	Task/Activity	Materials/Time	Notes
Entry	<ul style="list-style-type: none"><li>• Prepare for Kāhuna story presentations by:<ol style="list-style-type: none"><li>1. forming groups</li><li>2. reviewing what each person will do</li></ol></li></ul>	Kāhuna Stories notes	
Preview	<ul style="list-style-type: none"><li>• Display OH #1.1 and #14.2 and connect to today's 2 topics.<ol style="list-style-type: none"><li>1. Kāhuna story presentations.</li><li>2. WebQuest</li></ol></li></ul>	Unit 1 OH #1.1 and OH #14.2	
Preparation for presentation	<ul style="list-style-type: none"><li>• Review presentation guide.</li><li>• Allow groups additional time to practice if needed.</li><li>• Inform Ss that each group has 2-3 minutes to present. (Note: provide constructive feedback to groups to strengthen presentation).</li></ul>	Kāhuna Story Presentation Guide  Est: 5-10 minutes	
Kāhuna Story Presentations	<ul style="list-style-type: none"><li>• Facilitate presentations (6 groups - 2-3 minutes each).</li><li>• Ask audience to take notes (e.g., key ideas) on blank paper and formatted like OH # 16.1.</li><li>• Debrief after each presentation by reviewing key concepts related to:<ol style="list-style-type: none"><li>1. Hawaiians being skilled scientists who used the scientific method of learning to survive, thrive, and understand their world.</li><li>2. Hawai'i as a special place to conduct scientific research.</li></ol></li></ul>	Format OH #16.1  Est: 20-25 minutes	

Topic	Task/Activity	Materials/Time	Notes
WebQuest	<ul style="list-style-type: none"> <li>Inform Ss they will complete a WebQuest to learn about 8 scientists working in Hawai'i and choose 2 scientists to learn about in more depth next class (Note: review Teachers Guide for WebQuest Instructions).</li> <li>Ask Ss to form small groups based on the number of computers available.</li> <li>Invite Ss to select Webquest #1 Scientists in Hawai'i: <a href="http://www.webquest.hawaii.edu">http://www.webquest.hawaii.edu</a></li> <li>Remind Ss to complete each step of the WebQuest in sequential order.</li> <li>Share that Ss may finish (if needed) the WebQuest next class session and learn more about the 2 scientists they chose.</li> </ul>	<p>Computers (lab or class) with internet access ObLog</p> <p>Est: 20-25 min.</p>	
Homework	<ul style="list-style-type: none"> <li>Explain homework assignment while referring to the wall chart or OH #16.2.</li> <li>Distribute Unit 1 Study Guide and assign part of guide to complete for homework.</li> </ul> <p><b>WHAT:</b> Scientists in Hawai'i. <b>HOW:</b></p> <ol style="list-style-type: none"> <li>1. Locate an adult and share what you know about Scientists working in Hawai'i.</li> </ol> <p><b>WHAT:</b> Study Guide. <b>HOW:</b></p> <ol style="list-style-type: none"> <li>1. Complete assigned sections of Study Guide.</li> </ol>	<p>Wall-chart of OH #16.2</p> <p>Unit 1 Study Guide</p> <p>Est: 5-10 minutes</p>	