

Gr. 5-8 Archeology: inquiry, observation, inference, hypotheses, evidence collection, analysis.



Name(s) _____

The PBS Hawaii video series “Pacific Clues” demonstrates how clues help us unlock the mysteries of the early inhabitants of Polynesia.

Essential Question: What evidence and clues are helping archeologists to unravel these mysteries?

Segment Title: _____

Essential Questions (Mysteries to be solved): _____

Location/Features Types _____

Clues/Evidence: Draw/sketch/ record observations, historical and scientific data:

Methods/Tools used:

1. _____

2. _____

3. _____

Inferences:

1. _____

2. _____

3. _____

New Question: _____

Teacher notes: **Pacific Clues** visits different archeological sites and clues found on varying islands. The series looks at how these clues help us to unlock the mysteries of the early inhabitants and cultures of the islands. Each of the nine segments of Pacific Clues runs about 10 minutes. After viewing each segment, allow an additional 15 minutes for students to complete and share data sheets. Print off data sheets for viewing at least 2 segments. Students can work individually or in pairs. **Materials needed:** Large world or Pacific Ocean map, Hawai`i Island map, Pacific Clues DVD and computer, projection equipment, student worksheets.

Essential Questions and extension discussion/questions:

- 1) Rapa Nui - Ecological Disaster with Dr. Terry Hunt. What really caused the ecological disaster which took place on Rapa Nui? Could a similar situation happen here on our island?
- 2) Mokumanamana and Nihoa – Mysterious Island in the Sea with Kekuewa Kikiloi. What do the archeological remains tell us about these mysterious islands and the early Hawaiians who utilized them? What new evidence is being collected? Why were radiocarbon dating methods not used here and what was used to date the archeological features?
- 3) Rapa Nui – Mapping the Moai with Brett Sheperdson. What does the placement of the Moai (stones statues) on the island indicate? Were they abandoned where we find them now or left at specific spots for a reason?
- 4) Hawai`i Volcanoes National Park – Footprints in the Lava with Jade Moniz-Nakamura. In the middle of the Ka'u desert there are footprints embedded in volcanic ash layers that are over 200 years old. Whose are they? How did they get there? How do they help us understand the early people of this island? What was their relationship to the volcano and what stories do they tell about volcanic hazards?
- 5) Hawi, Hawai`i - Heiau Connection with Jesse Stephen. What is ‘context’ and how does it help us understand the many *heiau* and other ceremonial sites found in North Kohala?
- 6) Rapa Nui – Moai on the Move with Dr. Terry Hunt. What are the two theories of how the Moai (stones statues) were moved across the island? What clues are used in evidence?
- 7) Pu'ukohola Heiau National Historic Site – What's In a Name? Hawi, Hawai`i with Dr. Michael Graves. What is the significance of the Pu'ukohola and Mailekini heiau? What “aha moment” discovery did Dr. Graves make?
- 8) Pu'ukohola Heiau National Historic Site – Technology Meets the Past with Dr. Thegn Ladefoged. How many people were needed to construct the *heiau* and what strategy was used to construct it? What new technology did archeologists use to help solve this question?
- 9) Wailau, Moloka`i – The Valley Revealed with Dr. Wendy McElroy. This is the first time an archeologist has studied the lo'i system (taro fields) in this remote valley. What do the lo'i systems tell us about the people who lived there.