

Volcanoes...Live

Hawai'i Volcanoes National Park Quarter Grades Nine through Twelve



OBJECTIVE

Students will demonstrate and understand the effects of volcanic eruptions on a climate, resources, and economy.



SUBJECT AREA CONNECTIONS

- Social Studies
- Science



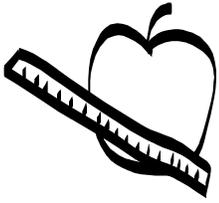
SUMMARY

1. Display and examine the Hawai'i Volcanoes National Park Quarter design featuring the eruption of the Kilauea Volcano. Locate this national site on a class map. As background information, explain to the students that the United States Mint began to issue the quarters in the America the Beautiful Quarters® Program in 2010. By the time the program ends in 2021, there will be a total of 56 designs on the back of the coin. Each design will focus on a different national site—one from each state, territory, and the District of Columbia.
2. Show a video of the most recent Kilauea eruption. Segue into a discussion of the geological history of the park and the effects of volcanoes on a population.
3. Assign groups of students to research three specific areas: the effects of volcanoes on climate, their effects on tourism, and their positive effects on the resources of the environment. Have them use the “Volcanoes...Live” worksheet to note their assignment and record their findings.
4. Have the student groups report back to the class as news reporters regarding their findings. Powerpoint slides or pictures and charts should be included.



ASSESSMENT

- Take anecdotal notes about the students' participation in class discussions.
- Evaluate the students' ability to collaborate on their group project.
- Evaluate the students' essays on their research and their presentation in class.



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RESOURCES

- “Hawai’i Volcanoes National Park Quarter” page
- “Volcanoes...Live” worksheet
- Hawai’i Volcanoes National Park web site: www.efieldtrips.org/cfm_bin/vv_altWindow.cfm?q_ID=Havo.
- American the Beautiful Quarters® Program: www.usmint.gov/kids/teachers/lesson-Plans/atb/.



Hawai'i Volcanoes National Park Quarter



