

What Are the Reasons?

Hawai'i Volcanoes National Park Quarter Grades Seven and Eight



OBJECTIVE

Students will analyze the relationships between ecosystems and human activity and the factors that threaten or enhance species survival.



SUBJECT AREA CONNECTION

Science



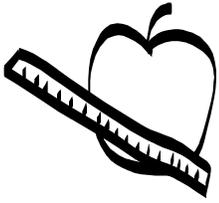
SUMMARY

1. Display and examine the Hawai'i Volcanoes National Park quarter design. Locate this 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. Explain there are many species of animals and plants that live in the Hawai'i Volcanoes National Park. Despite their protected status, many of the species, including the Hawaiian petrel and the hawksbill turtle, are facing serious threats from nature and man. Review the definition of the terms “threatened,” “endangered,” and “extinct.”
3. Invite the students to visit the Hawai'i Volcanoes National Park and the El Yunque National Forest web sites and research the threats to the different species. As a class and using the “What Are the Reasons” graphic organizer, compare the reasons for protected status of the animals and plants in these two national sites.
4. Create a rubric including the headings “Accuracy of Information,” “Making Connections,” “Use of Graphics,” “Correct use of labels,” “Organization,” and “Attractiveness.” Have the students design a poster to inform and warn people about the reasons for the protected status.



ASSESSMENTS

- Take anecdotal notes about the students' participation in class discussions.
- Evaluate the students' worksheets and projects for understanding of the lesson objectives.



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RESOURCES

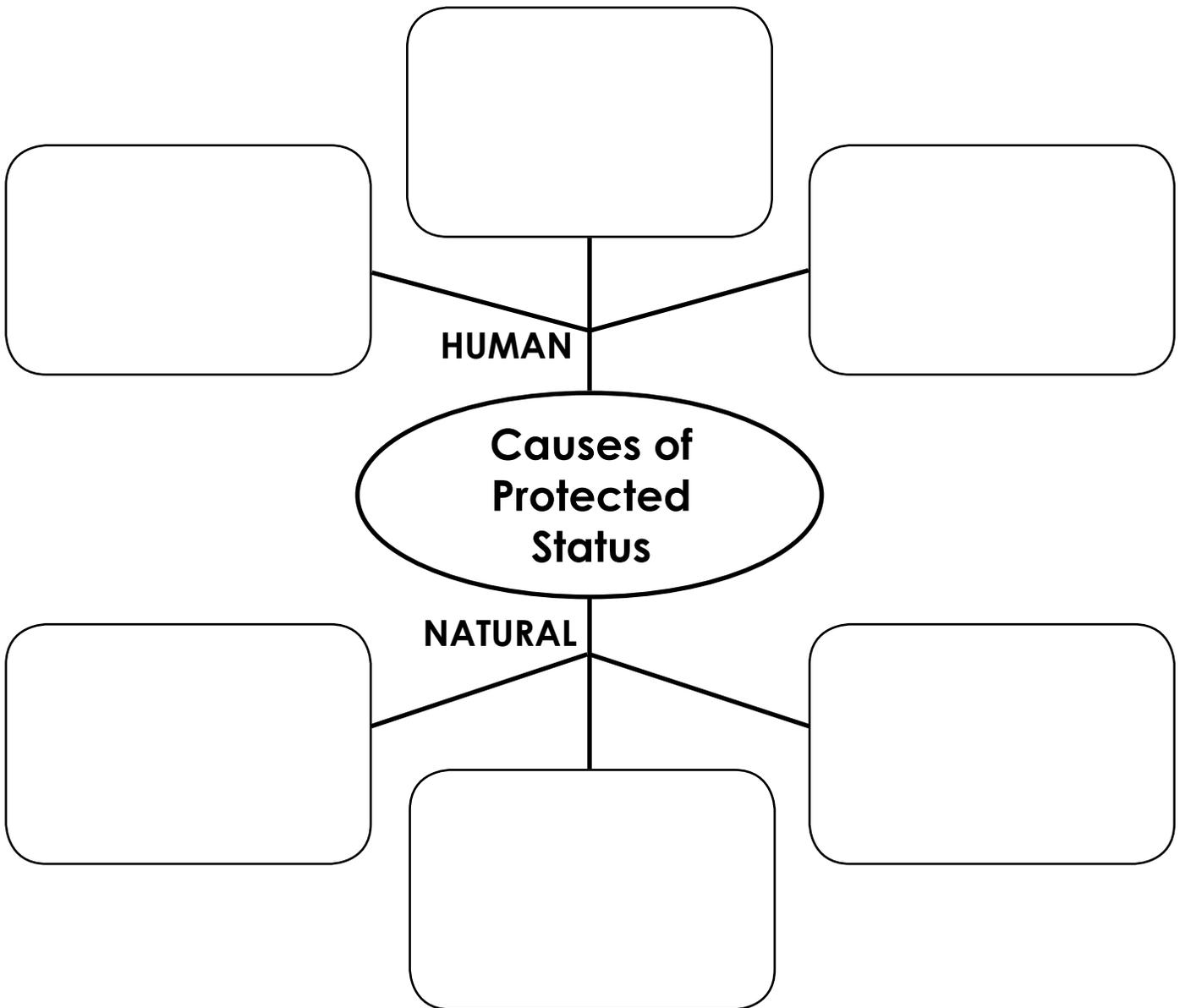
- “Hawai’i Volcanoes National Park Quarter” page
- “What are the Reasons?” graphic organizer
- Hawai’i Volcanoes National Park: www.nps.gov/havo/index.htm
- Hawai’i Volcanoes National Park Nature and Science: www.nps.gov/havo/naturescience/index.htm
- El Yunque National Forest: fs.usda.gov/elyunque



Name _____

What Are the Reasons? Graphic Organizer

Directions: Use this graphic organizer to gather causes of protected status for animals and plants.





Hawai'i Volcanoes National Park Quarter



The United States of America

