

Activity #2

Coastal Jeopardy Game

● ● ● Class Period One *Coastal Jeopardy*

Materials & Setup

- “Coastal Jeopardy Questions and Answers” (pp. 37-46)
- “Coastal Jeopardy Rules” and Game Board acetates (master, pp. 47-51)
- Overhead projector and screen
- Stopwatch or a watch with a second hand

For each of four student teams

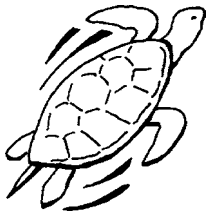
- Set of 44 “Coastal Species Cards” in color (from Activity #1)

For each student

- Student Page “Coastal Species List” (p. 52)

Instructions

- 1) Divide the class into four teams for the Coastal Jeopardy game. Give each team a number from one to four, or have them make up a name for themselves.
- 2) Make sure each group has a set of “Coastal Species Cards,” and allow them some time to study the information on the cards. An effective study strategy is to divide the cards evenly among students on the team and have each student study a small number of cards.
- 3) When the study time is finished, collect the species cards and hand out the Student Page “Coastal Species List” to each student. Explain to them that they will be able to refer to this list during the game but not to the species cards or any notes they may have taken.
- 4) Review the object, rules, and procedures for the game with students using the instructions given here and the rules on the “Coastal Jeopardy Rules” acetate.
- 5) Use the “Round 1 Game Board” acetate to begin the game. Cross off each category and \$ value as it is selected. Read the corresponding statement from “Coastal Jeopardy Questions and Answers.”
- 6) Teams have 15 seconds to respond to questions. Continue play by following the rules, and keep score on the Game Board acetate.
- 7) The team with the largest score wins.



- 8) Play subsequent rounds in the same manner, using the appropriate game sheet acetate and questions.
- 9) Stop whatever round is in session at the end of the first class period, and determine a winner for whatever rounds have been played.

Class Period Two *Coastal Jeopardy, Continued*

●●● Materials & Setup

- See Class Period One
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- 1) Divide the class into the same teams used during the first class period. If you think students need more time to study the species cards, give groups ten minutes to prepare.
 - 2) Play the remaining rounds of Coastal Jeopardy. Whether you add today's score to the previous scores or start with a clean slate is up to you.

Journal Ideas

- How does knowing more about coastal plant and animal species change how you think about coastal areas on Maui?
- What do you think is important to protect about the coastal ecosystem on Maui and elsewhere in Hawai'i?
- Why do you think coastal species figure prominently in Hawaiian legends?

Assessment Tools

- Individual preparation for and participation in the Coastal Jeopardy game
- Group preparation and performance in the game
- Journal entries

Some teacher-only resources have been omitted from the online document.

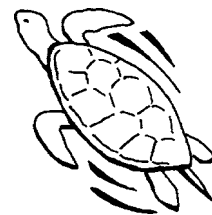
They are available as password-protected files at:

www.hear.org/hoike/teachermaterials

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Coastal Jeopardy Rules and Game Boards

Object

Accumulate the largest amount of money by providing correct responses in 15 seconds or less.

Rules

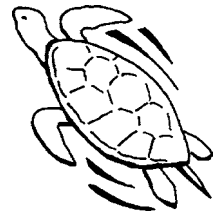
- Each team selects a spokesperson. The spokesperson may consult with team members, but only the response given by the spokesperson will count.
- Team #1 begins the game, and play progresses in numeric order through the teams.
- Select a category and a \$ amount. The teacher will read you a statement. Your team will have 15 seconds to answer that statement with one question. Your response must be framed as a question. For example:
Statement: This shore bird has a unique feeding habit, running in short spurts, then stopping to search for insects and other invertebrates.
Your answer: What is the *Kōlea* or Pacific Golden Plover?
- If your answer is correct, the \$ amount is added to your team's total score and your team selects another category and \$ amount, attempting to answer that question. Your team continues as long as you answer the questions correctly. (For answers that involve species names, you may correctly state the Hawaiian *or* English name.)
- If you answer incorrectly, the next team gets 15 seconds to answer the same statement. Correct answers always result in adding the \$ amount to the answering team's score and selecting a new question. Incorrect answers always result in subtracting the \$ amount and the next team getting a chance to answer the same statement.

If none of the four teams can answer a statement correctly, the teacher will read the correct response and play continues with the team whose turn it was when that statement was first read.

DOUBLE JEOPARDY

In each round, there is one "double jeopardy" question. If your team chooses the double jeopardy question, you may decide to bet a portion or all of your total score. Tell the class how much you are betting. If you answer the question correctly, you add that amount to your score. If you answer incorrectly, subtract that amount from your score.

Play continues until all questions have been answered or time runs out.



Round 1 Game Board

Native Plants	Hawaiian Connections	Recently Introduced Plants	Birds	Other Critters
\$100	\$100	\$100	\$100	\$100
\$200	\$200	\$200	\$200	\$200
\$500	\$500	\$500	\$500	\$500
\$800	\$800	\$800	\$800	\$800
\$1000	\$1000	\$1000	\$1000	\$1000

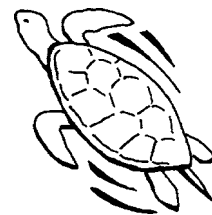
Score

Team #1:

Team #2:

Team #3:

Team #4:



Round 2 Game Board

Polynesian-Introduced Plants	Birds	Other Critters	Hawaiian Connections	Coastal Adaptations
\$100	\$100	\$100	\$100	\$100
\$200	\$200	\$200	\$200	\$200
\$500	\$500	\$500	\$500	\$500
\$800	\$800	\$800	\$800	\$800
\$1000	\$1000	\$1000	\$1000	\$1000

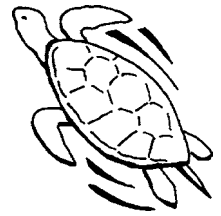
Score

Team #1:

Team #2:

Team #3:

Team #4:



Round 3

Hawaiian Connections	Coastal Adaptations	Eating and Being Eaten	Origins and Distribution	Grab Bag
\$100	\$100	\$100	\$100	\$100
\$200	\$200	\$200	\$200	\$200
\$500	\$500	\$500	\$500	\$500
\$800	\$800	\$800	\$800	\$800
\$1000	\$1000	\$1000	\$1000	\$1000

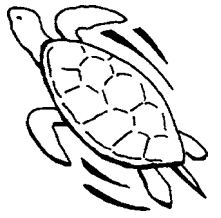
Score

Team #1:

Team #2:

Team #3:

Team #4:



Round 4

Hawaiian Connections	Coastal Adaptations	Human Impacts	Origins & Distribution	Hawaiian Connections II
\$100	\$100	\$100	\$100	\$100
\$200	\$200	\$200	\$200	\$200
\$500	\$500	\$500	\$500	\$500
\$800	\$800	\$800	\$800	\$800
\$1000	\$1000	\$1000	\$1000	\$1000

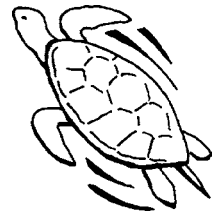
Score

Team #1:

Team #2:

Team #3:

Team #4:



Coastal Species List

Native Plants

Hala or Screwpine
Naupaka Kahakai or Beach Naupaka
‘Ōhelo Kai
Pōhinahina or Beach Vitex
‘Ūlei or Hawaiian Rose
‘Ilima
Pōhuehue or Beach Morning Glory
Pā‘ū o Hi‘iaka or Small Blue Morning Glory
Kauna‘oa Kahakai or Hawaiian Dodder
‘Ākulikuli or Sea Purslane
‘Aki‘aki or Beach Dropseed
Ma‘u ‘Aki‘aki or Button Sedge

Polynesian Introduced Plants

Niu or Coconut Palm
Milo or Portia Tree
Hau
Kou
Noni or Indian Mulberry

Recently Introduced Plants

Kiawe or Mesquite
Koa Haole
Indian Pluchea
‘Ākulikuli Kai or Pickleweed
Paina or Common Ironwood

Native Birds

‘Iwa or Great Frigatebird
Koa‘e Kea or White-Tailed Tropicbird
Noio or Black Noddy
‘Ua‘u Kani or Wedge-Tailed Shearwater
Kōlea or Pacific Golden Plover
‘Ulili or Wandering Tattler
Hunakai or Sanderling
‘Akekeke or Ruddy Turnstone
Ae‘o or Hawaiian Stilt or Black-Necked Stilt
‘Alae Ke‘oke‘o or Hawaiian Coot
‘Auku‘u or Black-Crowned Night-heron
Koloa or Hawaiian Duck

Non-Native Birds

Cattle Egret
Common Myna

Native Insects

Pinao or Big Blue Darner
Pinao ‘Ula or Orange-Black Damselfly
Seashore Splash-Zone Cricket

Non-Native Arthropods

Big-Headed Ant
Large Centipede
Scorpion

Native Vertebrates

Honu or Green Sea Turtle
Honu ‘Ea or Hawksbill Turtle