



TITLE: The Jeopardy Game

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Grade band: K-5

Subject: Social Studies

Topic: Protecting Native Wildlife

Introduction	Welcome to an engaging and interactive way to enhance learning in the classroom: The Low Cost Jeopardy Game! This is a fun game designed to help integrate fun, and a competitive game format to review and reinforce key concepts and facts with students. This Jeopardy game engages students in learning about the diverse species, habitats, and conservation efforts unique to Arizona. Using this familiar and competitive format, students will reinforce their understanding of wildlife protection while enjoying a fun and dynamic classroom activity.
Purpose	<ul style="list-style-type: none">● Increase awareness of Arizona’s unique wildlife and habitats.● Understand the importance of conservation efforts and the challenges faced by endangered species.● Encourage critical thinking and teamwork through an interactive game format● Reinforce knowledge in an engaging and memorable way.
Materials	<ul style="list-style-type: none">● Jeopardy game board template (Digital and Physical)● List of questions and answers specific to Arizona wildlife, habitats, and conservation efforts● Timer or stopwatch● Buzzers or hand signals for students to answer questions.



Instructions

Game Setup for those in states other than Arizona:

- **Create the Game Board:** Design a Jeopardy board with categories such as “Arizona Wildlife”, “Habitats in Arizona”, “Endangered Species in Arizona”, “Conservation Efforts”, “Environmental Threats”.
- **Prepare Questions and Answers:** Develop questions and answers for each category, ensuring they are appropriate 4th grade level and cover a range of difficulty levels.
- **Organize Students into Teams:** Divide the class into small teams, ensuring a mix of abilities in each group to promote collaboration and ensure all students are engaged.

Procedure:

Introduce the Game. Explain the rules of Jeopardy to students.

1. The game begins with one team selecting a category and a point value (e.g., “Arizona Wildlife for 100”).
2. The host reads the selected clue aloud. Clues are presented as statements, and teams must respond in the form of a question (e.g., Clue: “This large mammal is known for its antlers”. Response “What is a deer?”).
3. The team that selected the clue has the first opportunity to answer. They must respond within a set time limit (e.g., 15-20 seconds).
4. If the team answers correctly, they earn the points for that clue and select the next category and point value. If the team answers incorrectly, other teams have the opportunity to “buzz in” and answer.
5. Correct answers earn the point value of the clue for the responding team. Incorrect answers deduct the point value from the clue from the responding team’s score.
6. After all clues have been selected and answered, the game moves to the final Jeopardy round. The host presents a single clue in a special category. Teams have a set amount of time to write down their response and wager a portion of their points. Teams reveal their responses and wagers. Correct answers add the wagered points to the team’s score, while incorrect answers subtract the wagered points.
7. The team with the highest points wins the game.

Review and Discuss: After the game, review any challenging questions and discuss the answers to reinforce learning and address misconceptions.

Activity Materials & Answer Keys

Category 1: Arizona Wildlife

1. **100:** This large cat, also known as a puma, roams the mountains and deserts of Arizona.
(what is a mountain lion?)
2. **200:** This venomous snake, known for its rattle, is common in Arizona.
(what is a rattlesnake?)
3. **300:** This small burrowing mammal is known for its distinctive “barking” call.
(what is a prairie dog?)
4. **400:** This bird of prey, known for its sharp talons and keen eyesight, is often seen soaring in Arizona skies.
(what is a hawk?)
5. **500:** This iconic desert animal has long ears and can hop long distances.
(what is a jackrabbit)

Category 2: Habitats in Arizona

1. **100:** This desert, covering much of southern Arizona, is known for its saguaro cacti.
(what is the Sonoran Desert?)
2. **200:** This high altitude forest is home to Ponderosa pines and diverse wildlife.
(what is the Coconino National Forest?)
3. **300:** This river is a critical water source and habitat for many species in Arizona.
(what is the Colorado River?)
4. **400:** This area in northern Arizona is famous for its red rock formations and diverse plant and animal life.
(What is Sedona?)
5. **500:** This grassland area in southeastern Arizona is home to many unique plants and animals.
(what is the San Rafael Valley?)

Category 3: Endangered Species in Arizona

1. **100:** This small, burrowing owl is considered a species of concern in Arizona.
(What is a burrowing owl?)

2. **200:**This fish, found only in the Colorado River basin, is endangered.
(what is the humpback chub?)
3. **300:**This bird, known for its bright red face and crown, is endangered due to habitat loss.
(what is the red-faced warbler)
4. **400:**This large mammal, once abundant in Arizona, is now endangered.
(what is the Mexican gray wolf?)
5. **500:** This plant, known for its unique flower and found only in Arizona, is endangered.
(what is the Arizona cliffrose?)

Category 4: Conservation Efforts in Arizona

1. **100:** The national park in Arizona helps protect the Grand Canyon and its wildlife.
(what is the Grand Canyon National Park?)
2. **200:** This organization works to conserve Arizona's wildlife and natural areas.
(what is the Arizona Game and Fish Department?)
3. **300:** This type of protected area is set aside to conserve wildlife and their habitats.
(what is a wildlife refuge?)
4. **400:** This wildlife refuge in southeastern Arizona is home to many endangered species.
(what is the Buenos Aires National Wildlife Refuge?)
5. **500:** This program helps reintroduce endangered species like the mexican gray wolf into Arizona.
(what is the Mexican Gray Wolf Recovery Program?)

Category 5: Plants of Arizona

1. **100:** This tall cactus, iconic of the Arizona desert, can live for over 150 years.
(what is a saguaro)
2. **200:** This tree, with its bright yellow flowers, is common in the Arizona desert.
(what is a palo verde?)
3. **300:** This plant, known for its sharp spines, is used to make tequila.
(what is an agave?)
4. **400:**This shrub, found in Arizona, has fragrant purple flowers and is used in traditional medicine. *(what is a creosote bush?)*
5. **500:** This type of cactus forms large clusters and is common in Arizona's deserts.
(what is a cholla?)

Link to the game online:

<https://jeopardylabs.com/play/protecting-native-wildlife-in-arizona>