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Wolf Jeopardy

Students play a quiz game to check their wolf knowledge.

SEctIon 1

the Wolf

Subjects:

biology, sociology

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Approximate lesson time:

30 minutes

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Materials:

game questions, books or fact sheets about wolves

oBjEctIVES:

At the end of the lesson, students will be able to:

1. Assess what they know or do not know about wolves.
2. Extrapolate the important topics related to wolf management.

Voc ABULARY:

body language • vocalization • management • bounty • stakeholder

tEAc HER BAckGRoUnD:

This game is a useful pre-test for your students prior to beginning the unit on wolves. It will assist you in assessing students' current knowledge and attitudes toward wolves.

This activity's categories are intended to provide a broad range of topics concerning wolves. You may want to read the following explanations and use them to introduce each category to your students.

Category names:

legal ease: laws and legal issues dealing with wolf management

Home on the range: wolf range and dispersal

life or Death: life cycle and factors in wolf survival

Wolf Parts: the physical adaptations of wolves

on the Move: migration and territory

Myths and facts: cultural history and human attitudes toward wolves

William Rideg, Kishenehn Wildlife Works

National Science Education Standards

Life Science (5–8)

Structure and function in living systems

Regulation and behavior

Population and ecosystems

Life Science (9–12)

Interdependence of organisms

Science in Personal and Social Perspectives (5–8)

Populations, resources, and environments

Science in Personal and Social Perspectives (9–12)

Population growth

Natural resources

Environmental quality

ActIVItIES:

1. Before playing the game, write the categories on the board, with the dollar amounts below each category:

legal ease	Wolf Parts	life & Death
$100	$100	$100
$200	$200	$200
$300	$300	$300
$400	$400	$400
$500	$500	$500

   Make a scorekeeping table on the board for each of the teams.

2. Divide the class into five or six teams of roughly equal numbers of players. Tell each team to choose a (wolf-oriented) name for themselves.

3. Choose one team to begin. This team will have the first option of choosing a category. They may select any dollar amount and respond to the question. The higher dollar amounts have more difficult questions.

4. If the team cannot answer the question or answers incorrectly, the option to answer goes to the next team. If they cannot answer, the option passes to the next team, and so on. Keep score until the end, declaring a winner.

Discussion:

1. On a scale of 1–10, rate your knowledge of wolves.
2. What area do you know the most about? The least?
3. How can you learn more about wolves?
4. Why does it matter if anyone learns about wolves?

ASSESSMEnt:

By making notes along the way, a teacher may assess what areas students lack knowledge in or depth of knowledge.

ExtEnSIon:

Repeat this quiz at the end of the unit to assess learning.

LEGAL EASE	HoME on RAnGE	LIFE AnD DEAtH
$100 **Question:** What do we call a person who shoots a wolf illegally? **Answer:** A poacher.	**$100** **Question:** true or false? Wolf range originally spanned a wider area than any other land mammal (other than humans). **Answer:** true.	**$100** **Question:** name three species wolves might prey on. **Answer:** Deer, elk, moose, bison, hare, beaver, caribou, musk ox, cow, sheep...
$200 **Question:** What do we call an animal or plant that is in danger of becoming extinct? **Answer:** An endangered species.	**$200** **Question:** Most wolves will disperse from the pack they were born into by what age? **Answer:** three years of age.	**$200** **Question:** on the average, what percentage of pups die each year? **Answer:** 40–60 percent.
$300 **Question:** What year was the endangered Species Act passed by congress? **Answer:** 1973.	**$300** **Question:** What is the entire geographic area over which wolves are distributed known as? **Answer:** Wolf range.	**$300** **Question:** Who are the main predators of the wolf? **Answer:** humans.
$400 **Question:** What is delisting? **Answer:** the process of removing a species from the endangered species list	**$400** **Question:** Wolves may expand their range in two ways: natural recolonization or what human-directed activity? **Answer:** reintroduction.	**$400** **Question:** What is a leading cause of death for the wolf? **Answer:** Starvation.
$500 **Question:** What year was the first bounty established in Minnesota? **Answer:** 1849.	**$500** **Question:** the farthest a wolf is known to have dispersed from its home is a. 78 miles b. 330 miles c. 660 miles. **Answer:** c.	**$500** **Question:** how much food does an average wolf need per day to survive? **Answer:** Average of 5 to 10 lbs. per wolf per day.

WoLF PARtS   on tHE MoVE   MYtHS VS. FActS

$100

Question: name three colors that a wolf's fur could be.

Answer: Gray, white, brown, black, tan.

$200

Question: list three wolf body parts that are important to wolf communication.

Answer: the tail, eyes, ears and teeth.

$300

Question: What do we call a male and female wolf that mate to produce pups?

Answer: the breeding pair.

$400

Question: What is the average weight of an adult male wolf?

Answer: 70–100 pounds.

$500

Question: What does a four-month-old wolf pup eat?

Answer: regurgitated food from an adult pack mate.

$100

Question: What is an area that a wolf calls home?

Answer: A territory.

$200

Question: how far may a wolf travel in search of food?

Answer: 10–30 miles a day.

$300

Question: What factor most determines the size of a wolf pack territory?

Answer: food availability.

$400

Question: What is the name of the area where pups remain when they are 8–20 weeks of age?

Answer: the rendezvous site.

$500

Question: name two ways wolves "mark" their territory.

Answer: urination, howling.

$100

Question: true or false? it is common for wolves to kill people.

Answer: false.

$200

Question: What does it mean if a person is described as "a wolf in sheep's clothing"?

Answer: that person is not as trustworthy as s/he appears.

$300

Question: What is the name of the mythological character that is a man who turns into a wolf?

Answer: A werewolf.

$400

Question: What does a person tell when s/he "cries wolf"?

Answer: A lie.

$500

Question: What is anthropomorphism?

Answer: the act of attributing human actions and motivations to animals.