

Science Time

Program Content for April 5, 2017

Read the article "WOLVES IN WASHINGTON STATE CONTINUE THEIR COMEBACK FROM NEAR EXTINCTION" on page A1 of the Friday, March 31, 2017 edition of The Seattle Times.

Objective

- I can explain how the wolf population in Washington is changing.
- I can explain how the wolf population in Washington is managed.

Next Generation Science Standards (NGSS) connection

Disciplinary Core Ideas

Ecosystem Functions, Ecosystems, and Resilience

- Anthropogenic changes (induced by human activity) in the environment—including habitat destruction, pollution, introduction of invasive species, overexploitation, and climate change—can disrupt an ecosystem and threaten the survival of some species.

Developing Possible Solutions

- When evaluating solutions it is important to take into account a range of constraints including cost, safety, reliability and aesthetics and to consider social, cultural and environmental impacts.

Pre-reading and Vocabulary: Define each term and then use it in a sentence to demonstrate your understanding.

1. livestock
2. extinction
3. lethal
4. endangered

Comprehension Questions

1. How much has Washington's wolf population increased in the past year?
2. How is the Washington wolf population measured?
3. Why were some wolves in the Profanity Peak Pack killed last year?
4. What human activities led to the near extinction of wolves in the 1930s?
5. How much money is available for wolf management in Washington?
6. Why is Washington short of meeting its wolf recovery goal?
7. What is HB 2126?
8. What is the goal of quicker lethal removal of wolves?
9. List the nonlethal deterrents that could be used to stop wolf killings of livestock.
10. How many wolf packs have been killed due to livestock predation?

Prompts and Extensions

1. View the Washington Department of Fish and Wildlife [annual report](#) of wolves and the [Wolf Conservation and Management Plan](#)
2. Learn more about [Washington's wolf packs](#) including the [Profanity Pack](#) highlighted in this article.
3. Listen to this [story](#) about ranchers, conservationists and wolves as well as the role an outsider from Uganda plays in wolf management.

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4. Watch [Wolves in Washington](#), a video about the controversies surrounding wolves and the difference in opinion about their existence between ranchers and city-dwellers.

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