



Forever Wild?

Activity 3: Grades 5-8

FRONTIERS Pop-Quiz

Enter correct quizzes in the FRONTIERS Contest [see below!](#)



STUDENT :

TEACHER :

Prairie Comeback

1) How many of America's 60 million bison remained in 1900 after intensive hunting throughout the 1800s?

- a) 1 million
- b) 100,000
- c) 1,000
- d) several hundred

2) What has been attached to each bison at the Tall Grass Prairie Preserve? Why?

3) What happens to prairie plants after a fire?

- a) They are stimulated to grow.
- b) They are killed.
- c) They are unable to grow as high in the future.
- d) None of these

The Second Earth

4) What is the main research goal of Biosphere 2?

5) Name two ecosystems modeled in Biosphere.

6) How does increased carbon dioxide affect corals?

7) Why is the answer to #6 important to the world's oceans?

Raven's World

8) Define "biodiversity."

9) About how many insect species are there in the world?

- a) 10 million
- b) 20 million
- c) 100 thousand
- d) 1 billion

10) How many people in the world live on a dollar a day?

- a) 25%
- b) 10%
- c) 5%
- d) 1%

NOTE: Only teachers may enter 100% correct quizzes into the FRONTIERS Contest. FRONTIERS will draw one entry randomly after each program. The selected student will receive a [Walkalong Glider](#), signed by [Tyler and Paul MacCready](#). Send all correct quizzes in one envelope, along with teacher's name, grade and course, school name and address, where the students watched the show (home or school), and the students' favorite segment. Mail to: FRONTIERS Quiz, Chedd-Angier Production Company, 70 Coolidge Hill Rd., Watertown, MA 02472.

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Prairie Comeback

1) How many of America's 60 million bison remained in 1900 after intensive hunting throughout the 1800s?

- a) 1 million
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- d) several hundred**

2) What has been attached to each bison at the Tall Grass Prairie Preserve? Why?

An ear tag with a microchip identifying each animal, to keep track of herd composition.

3) What happens to prairie plants after a fire?

- a) They are stimulated to grow.**
- b) They are killed.
- c) They are unable to grow as high in the future.
- d) None of these

The Second Earth

4) What is the main research goal of Biosphere 2?

Study the effects of climate change on ecosystems.

5) Name two ecosystems modeled in Biosphere.

Rainforest, coral reef, Sonoran Desert, mangrove swamp, tropical grassland, thorn scrub

6) How does increased carbon dioxide affect corals?

Interferes with the way they build their calcium carbonate skeletons.

7) Why is the answer to #6 important to the world's oceans?

Increased CO₂ likely affects other organisms like shrimp, crabs and lobsters the same way

Raven's World

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