



Idaho Rangeland Facts Race

Created by: IRRRC	Time Required: 45 Min.
Subject: Science	Grade Level: 5 th +

Overview	This is a review game to test student's knowledge on rangelands and their plants.
Goal(s) & Objective(s)	Students will: <ul style="list-style-type: none"> • Review the information that they have learned about rangelands and their plants.
Prerequisite:	<u>All About Rangelands PowerPoint</u>
Materials	<u>Materials:</u> <ol style="list-style-type: none"> 1. 2 bells/buzzers 2. 2 Markers/ whiteboards (optional) 3. Game Questions with answers (attached)
Teaching Activities: <i>Instructional Approaches/Strategies</i>	Procedures <ol style="list-style-type: none"> 1. Divide students into 2 teams. Each student from each team will have a turn to come to the front. 2. Explain game rules- <ul style="list-style-type: none"> - Students have 3 life lines. Life line 1- they can ask 1 student for help from their team. Life line 2- they can ask for a hint from the teacher. Life line 3- they can ask their whole team for help. They have 1 minute to ask for help - After the teacher has asked the question the first student to ring in will get to answer. If they don't answer correctly the next team gets a try. - For each question answered without help they get 2 points. If they use help they get 1 point and lose that Life Line. 3. Begin game:
Assessment:	Assess students on how often they had to use lifelines and how many answers they got correct.

Game Questions

1. What is range?
 - a. A series of mountains.
 - b. A place where shooting or golf driving is

practiced.

- c. The region throughout which a kind of organism or ecological community naturally lives or occurs.
- d. All land in the world that is not cultivated farmland, dense forest, barren desert, or covered by solid rock, concrete.

- a. plants that only cows eat.
- b. plants that have narrow leaves and hollow stems.
- c. Plants that are always green and have flowers
- d. plants that have narrow leaves, hollow stems, grain-like seed and do not have colored flowers

2. How much of the earth's land surface is rangeland?

- a. 10 to 20%
- b. 25 to 35 %
- c. 40 to 50%
- d. 65 to 75%

7. What are forbs?

- a. plants that have narrow weeds and no flowers
- b. plants that have woody stems
- c. plants that have broad leaves, non-woody stems and showy flowers
- d. plants that just have flowers

3. How much of Idaho is rangeland?

- a. 14%
- b. 33%
- c. 44%
- d. 68%

8. What are shrubs?

- a. woody plants with broad leaves and a mast (seeds and berries)
- b. woody plants with a main trunk
- c. a broad leaf plant with a mast (seeds & berries)
- d. a broad leaf plant with a main trunk and flowers.

4. Rangelands are natural resources, what are they used for?

- a. wildlife habitat
- b. wildlife and livestock habitat and recreation
- c. livestock habitat and recreation
- d. water and space

9. What are the characteristics of a grass-like plant?

5. What are the 4 main plant categories?

- a. grass, trees, flowers, moss
- b. grass forbs, shrubs, moss
- c. grass-like, shrubs, grasses, moss
- d. Grass-like, forbs, grasses, shrubs

- a. Plants that have solid stems without joints and seed like clusters that are called flowers
- b. Plants that are just like grasses but with colorful flowers
- c. Plants that have leaves and flowers
- d. Plants that have narrow leaves and hollow stems, with grain-like seed and do not have colored flowers

6. What is a Grass?

10. What can plants be identified by?

- a. Only leaves
- b. Only Flowers
- c. Only seeds
- d. Leaves and flowers

Extension Questions

True/False

11. Rangeland is **farmed land**? **False**
 12. All deserts are rangeland except barren desert? **True**
 13. Tundra is NOT rangeland? **False**
 14. Wetlands are rangeland but the vegetation around them are NOT rangeland? **False**
 15. All savannas are rangeland? **True**
 16. Shrublands are NOT rangeland? **False**
 17. **Only** the vegetation around wetlands are considered rangelands? **True**
 18. Sagebrush is not found on rangeland? **False**
 19. Forests are rangeland too? **False**
 20. All grasslands are rangeland? **True**
 21. Only open forests are considered rangeland? **True**
 22. A farmed alfalfa field is rangeland? **False**
 23. **Rangeland** is all land that **is** farmland, dense forest, barren desert or land covered by solid rock, concrete, or glaciers. **False**
 24. **Rangeland is Not** uncultivated land dominated by native plants: grasses, herbaceous broad-leaved plants (forbs) and shrubs. **False**
- Tie Breaker: True/False- list why it is True or correct it if it is False**
25. Highly managed pastures where livestock graze are rangeland? **False -Not highly managed**