

Teacher Guide

Search and Rescue Ranger: Rocky Mountain National Park

Covered Concepts:

Reading Comprehension: Sections 1 & 2

Multiplying Money: Section 3

Similes and Metaphors: Section 4

Section 1: Search and Rescue Ranger

- **Vocabulary:**
 - Search and Rescue Ranger, National Parks, Rocky Mountain National Park
- **Career Highlight:**
 - Students read about the role of a search and rescue ranger.
- **Content Check:**
 - Students answer questions about search and rescue rangers.

Section 2: Rocky Mountain National Park

- **Learn:**
 - Students will read about Rocky Mountain National Park, a national park located in Colorado.
- **Content Check:**
 - Students answer questions about Rocky Mountain National Park.

Section 3: Math Practice

- Students multiply money in order to determine how much they need in order to buy gear needed to be a search and rescue ranger.

Section 4: ELA Practice

- Students learn about similes and metaphors. They then create signs using similes and metaphors to put in the park.

Teacher Guide: Answer Keys

Content Check: Search and Rescue Ranger

1. What does a search and rescue ranger do?

Search and rescue rangers assist find and assist lost and injured hikers and take them to safety.

2. What are two responsibilities that a search and rescue ranger might have?

Answers may vary. Example answers include:

Informing visitors of important safety information to prevent accidents and injuries, searching for missing visitors, rescuing visitors who are in dangerous situations or injured and need assistance.

3. Do you think you would enjoy being a search and rescue ranger? Why or why not?

Answers will vary.

Content Check: Rocky Mountain National Park

1. Below are the three ecosystems that are located in Rocky Mountain National Park. Next to each one write a brief description of it and include at least one plant and one animal that can be found there.

Montane: Answers will vary.

Subalpine: Answers will vary.

Alpine tundra: Answers will vary.

2. Name two animals that have adapted in order to survive in their environment and explain how their adaptation helps them survive.

1. The snowshoe hare uses its back feet to slide across the snow to search for food and changes their fur to white in order to blend in with the snow.

2. The white-tailed ptarmigan has feathers covering its entire body to keep them warm and they also burrow in the snow in order to escape the cold winds.

Teacher Guide: Answer Keys

Math Practice

GEAR	COST	Number Needed	Your Cost
Rope	\$5.65	3	\$16.95
Water Pouch	\$11.45	4	\$45.80
First Aid Kit	\$30.50	2	\$61.00
Compass	\$4.87	5	\$24.35
Flashlight	\$3.10	6	\$18.60

1. What is the total cost for all of your gear? **\$166.70**

2. You brought the following types of dollar bills to the store. Do you have enough money to buy all the gear?

- 5 twenty dollar bills **\$100.00**
- 3 ten dollar bills **\$30.00**
- 10 five dollar bills **\$50.00**

Yes, I would have \$180 so I am able to buy all of the gear.

ELA Practice

1. Be careful, wet rocks are as slippery as ice. S
2. Alli should wear sunscreen, or she will be a tomato at the end of the day. M
3. Stay away from rivers with high waters, they are as fast as lightning. S
4. Hearing that people are being safe is music to my ears. M
5. Never approach a mountain lion, their teeth are sharp like daggers. S
6. The altitude could make you sick as a dog if you aren't prepared. S
7. Dress warmly during the cold months or you will be a popsicle. M
8. Visitors who do not feed wildlife are shining stars. M