ADVENTURES

JUNIOR PARK RANGER

ETC

NALPARK

Discover the amazing wildlife, geology, history, and ecosystems of Grand Teton National Park as you experience what it takes to be a Park Ranger!

6

Name:

GRAND TETON

Welcome!

of man

Hey kids! Do you want to learn about what it takes to be a National Park ranger? Do you want to have fun exploring and discovering the park? Then follow the instructions below to become a Junior Ranger in Grand Teton National Park!



To earn your patch or badge:

Explore the park! Be sure you and your family think about safety. Keep your distance from wildlife, stay on trails, and avoid hazards like fast rivers.

Complete all the activities on the required pages, which are marked with an arrowhead. This includes attending a ranger-led program.

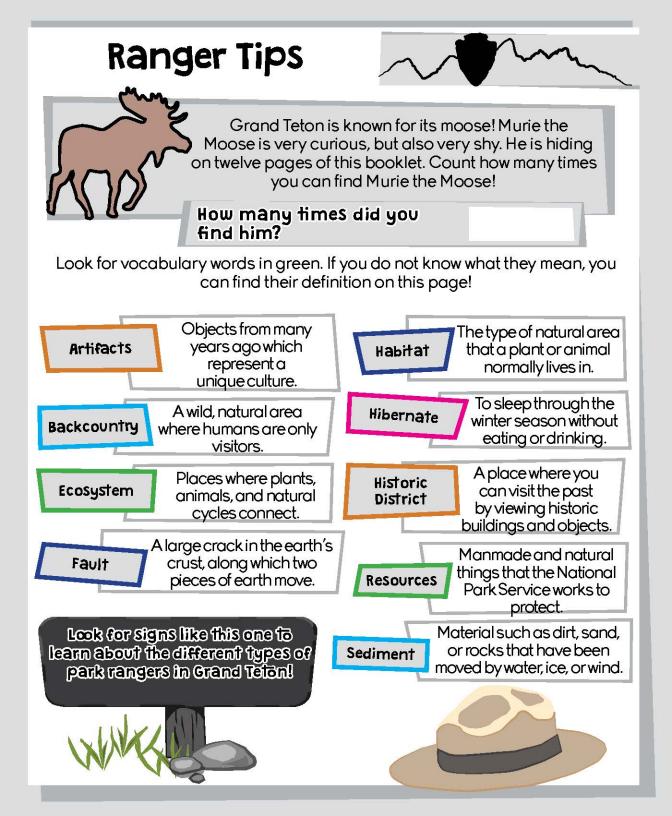
Arrowhead: Required

You pick! Choose the rest of your activities based¹ on your age.

Wolf: Ages 7 and Under Choose at least 3

> Bear: Ages 8–10 Choose at least 5

Bison: Ages 11+ Choose at least 7

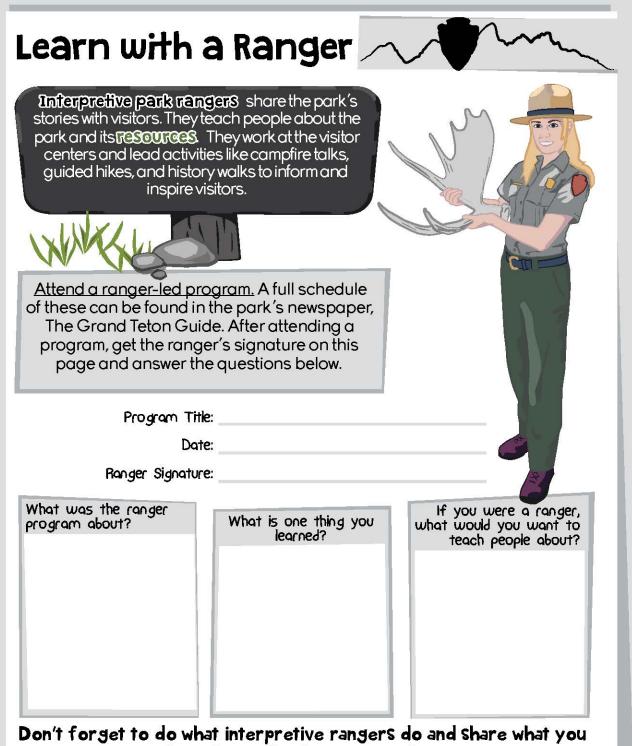




Ranger Bingo

Experiencing the park is an important part of any park ranger's job. Keep track of your experiences by completing Ranger Bingo! Try for four in a row, or for an extra challenge, try for a blackout!





have learned with someone else!

Keep a Clean Camp

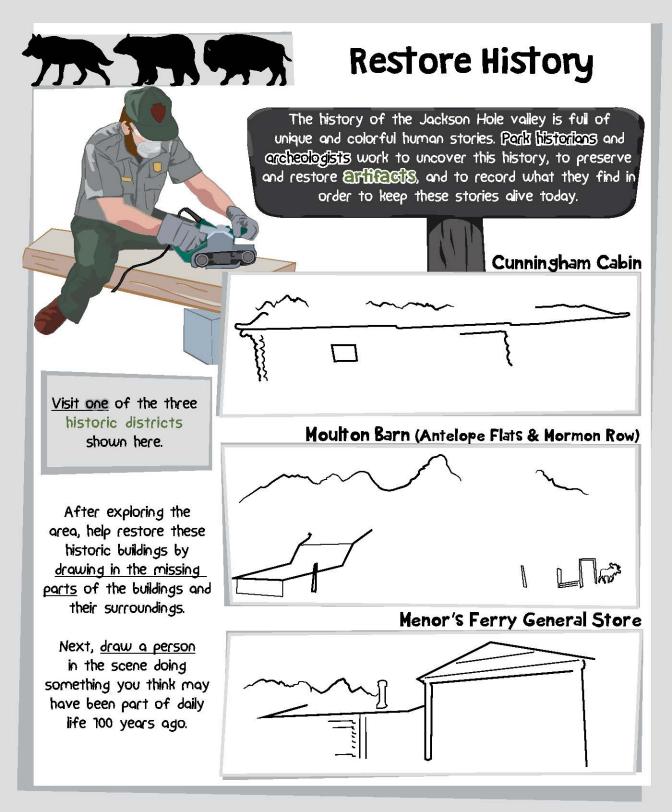
Law enforcement rangers act as the police of the National Park. These rangers work to keep everyone safe and ensure that everyone follows the rules in order to protect the park. You can find law enforcement rangers driving the roads, climbing the mountains, floating the river, and almost anywhere in between.

Law enforcement rangers make sure people follow the rules for a clean camp so that bears can't get to any item that smells like food.

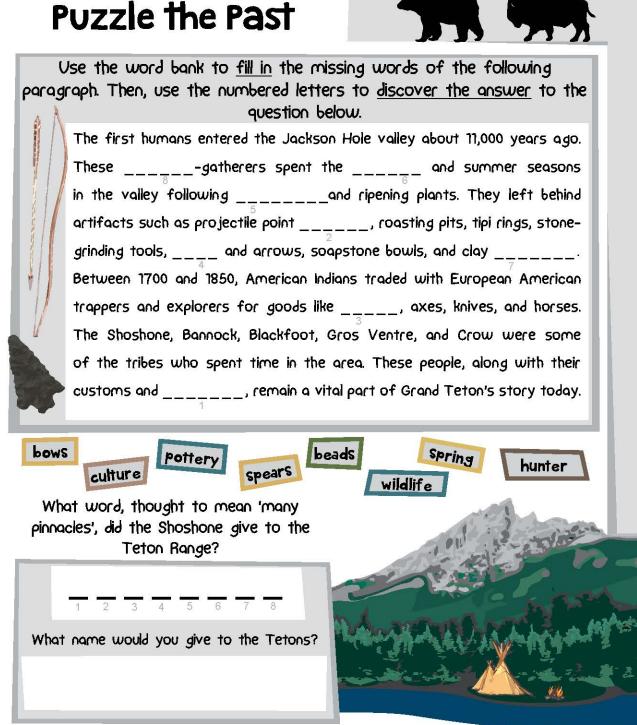
These visitors left their campsite for the day, but forgot to clean their camp. <u>Put an X over any item</u> the visitors should have locked away so bears won't find it!

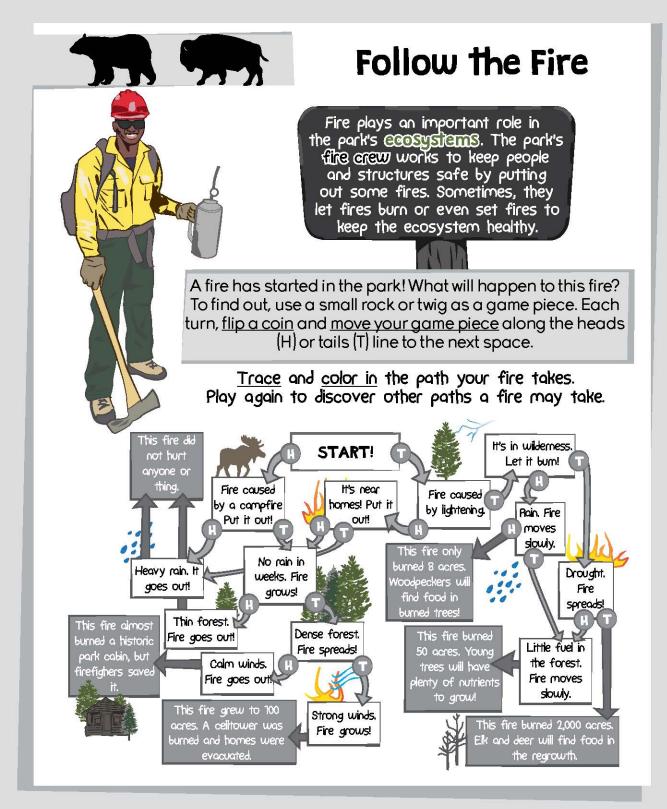
Hike '	the Tetons
	The Teton backcountry rangers work to keep it place. Backcountry rangers work to keep it unspoiled and to keep visitors safe. These rangers issue permits, give safety tips, and hike Grand Teton's 230+ miles of trails. Some backcountry rangers also rescue people!
	Patrol a trail, just like rangers do! <u>Put a circle</u> around the items you should bring, and <u>an X</u> <u>across</u> the items you shouldn't bring! Then, <u>write a</u> <u>report</u> about the trail you hiked!
	Date:
	Distance:
	Time:
CR 3	Weather:
	Wildlife seen/heard:
	Favorite Part:

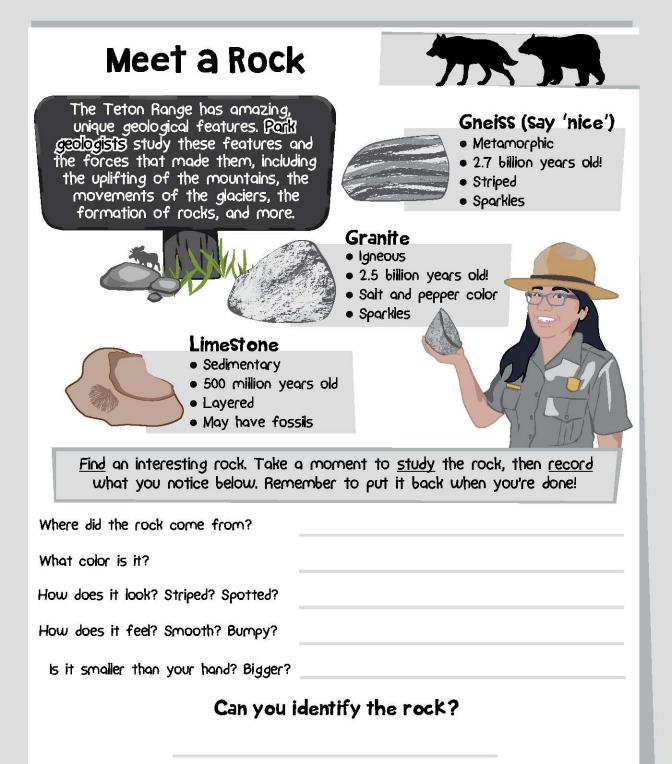
T



Puzzle the Past



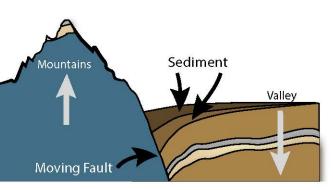




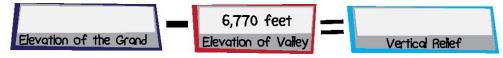


Build the Mountains

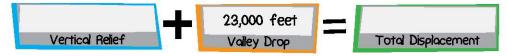
A fault runs along the base of the Teton Range. Earthquakes along the fault have caused the mountains to rise and the valley to drop. <u>Complete the equations</u> below to learn more about how the Tetons were formed. (Hint: Use the park map to find the elevation of the Grand Teton.)



How much movement has occurred on the fault?



The valley has filled in with sediment since the mountains began rising. The true valley floor sits 23,000 feet below where we stand today.



How many earthquakes did it take to build the Tetons?

A typical earthquake along the Teton fault measures about 7.5 in magnitude and causes about 6 feet of displacement on the fault.

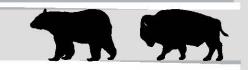


How quickly are the Tetons rising?

The Teton range began rising about 10 million years ago.

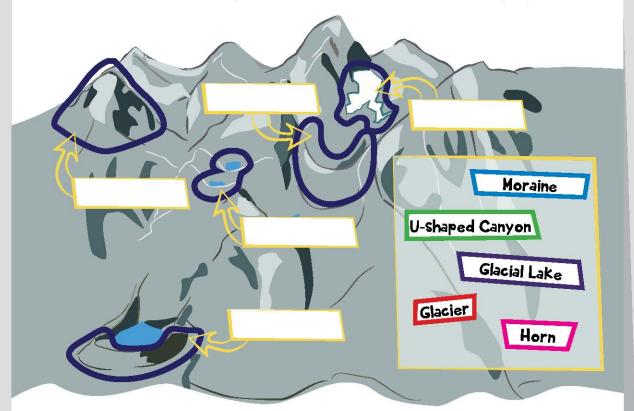


Sculpt the Range



Glaciers act as sculptors, carving out unique and distinct features in the mountain range. Beginning around 2 million years ago, and ending only 14,000 years ago, huge glaciers carved out the valley. Only about a dozen small glaciers remain in the park today.

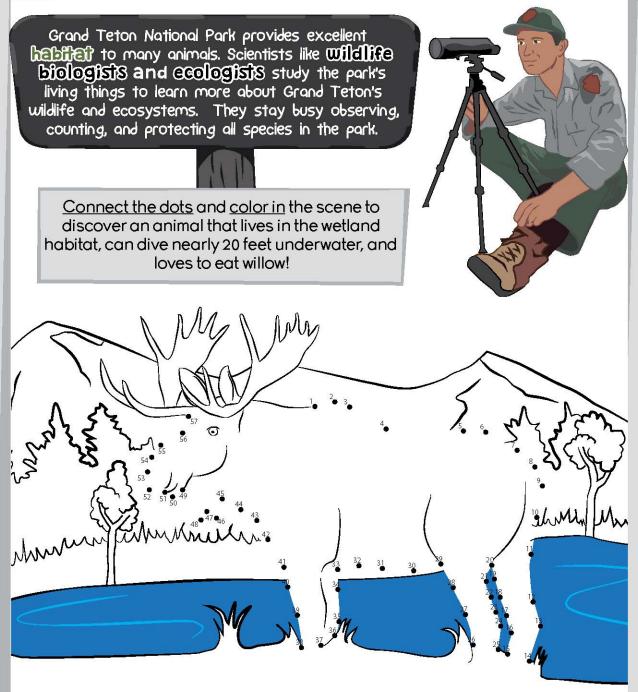
<u>Read</u> the definitions of each glacially-created feature below. Then, <u>find</u> each feature on the diagram and <u>fill in the blank</u> with the proper label.

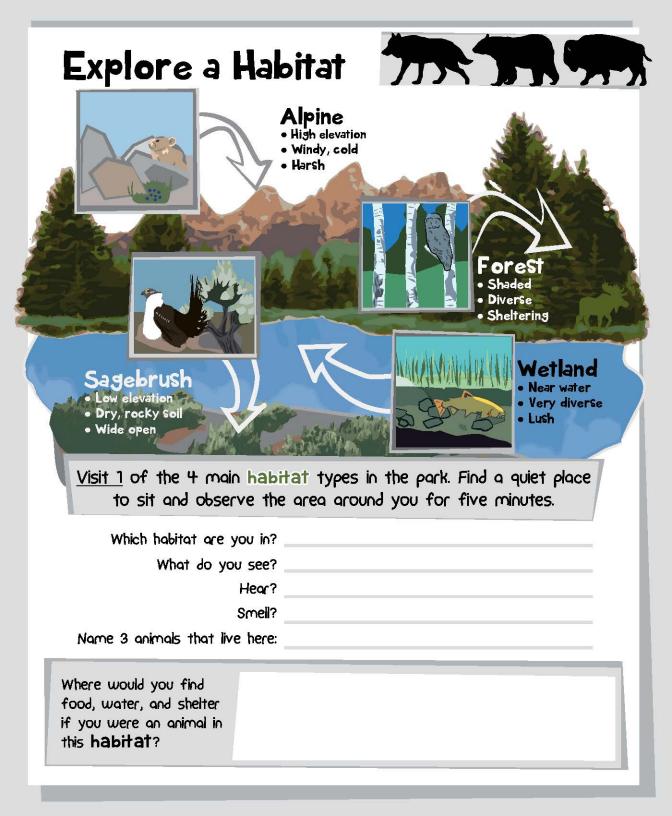


<u>Horn:</u> A sharp, pyramid-shaped peak. <u>Moraine:</u> Mounds of <u>sediment</u> deposited by glaciers. <u>U-shaped Canyon:</u> A wide, rounded valley. <u>Glacier:</u> A large sheet of snow and ice that is gradually moving with gravity. <u>Glacial Lake:</u> A lake occupying a place where a glacier used to be.



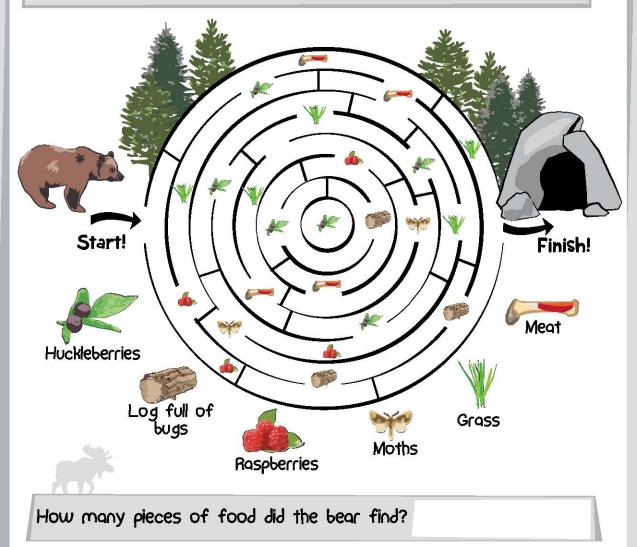
Connect & Color





m Prepare for Winter

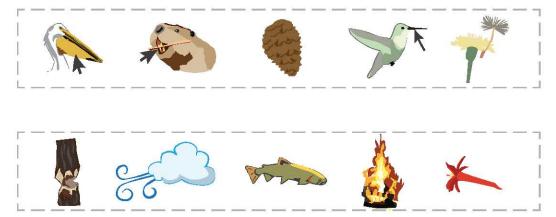
Bears in Grand Teton hibernate through the winter season. But they must find and eat enough food before they go to sleep for months. Help this bear find as much food as possible before reaching its winter den! <u>Trace</u> through the food you find, and count them at the end.



Match & Adapt

Adaptations are physical or behavioral traits that help an animal survive in its specific habitat. For example, river otters have webbed feet that them better swimmers.

Draw a line to match at least 3 traits from the top row to the plant, animal, or process that it's adapted to on the bottom row.



Draw an Imaginary Animal

Draw an imaginary animal that has at least three adaptations which help it survive in the harest habitat in the park, the <u>alpine</u> <u>environment</u>.

Hints: Think about how it will find food, water, or shelter. How will it move? How will it stay warm?



Imagine the Future

The park superintendent acts like the president of the National Park. The superintendent works with other experienced leaders to make important decisions about park management and to plan the future of the park.

Imagine that you are the superintendent of Grand Teton National Park. What are two things that you would try to change about the park?

What are two things about the park that you hope never change?

Map It

Once you have completed all the activities in this booklet, retrace your steps by <u>filling</u> <u>in the white</u> <u>symbols</u> on the map of the places you explored.

<u>Draw a circle</u> around the place in the park you would most like to work at if you were a ranger (like a visitor center, **backcountry** trail, the river, or a historic site).

Which of the types of rangers you like to be?

Interpretive Ranger Law Enforcement Ranger Backcountry Ranger Historian Archeologist Firefighter Geologist Scientist Superintendent



