

SUMMER ADVENTURES
ON THE ROAD

Mapping the Journey





YELLOWSTONE NATIONAL PARK

To explore a place for the first time, you need curiosity. And you need questions! Where is this place? How do we get there? What can we do when we're there? What's the place like?

Maps help us answer questions like these. They help us envision a place before we go. And they help us better understand it while we're there—even a place as wild as Yellowstone National Park.

There are many kinds of maps. Some are digital, and some are printed on paper. Some are static, while others are interactive. Cartographers, or mapmakers, combine art and science when they design maps. You can hone your own creative cartography skills by making maps, too.

Now, have fun exploring these maps—while also exploring Yellowstone National Park!

PG 3

Map Your Favorite Park
All Ages

PG 5

Wordplay in the Park
Ages 4-8

PG 6

MapMaker Quest
Ages 9+

PG 7

Answers (no peeking!)

Book List

READY TO EXPLORE?



MAP YOUR FAVORITE PARK

ACTIVITY | All Ages

MATERIALS

Something to draw with - crayons, markers, or colored pencils

TO DO

- 1 Think about your favorite park. Maybe it's near your house or far away. You may have visited it yourself, or maybe you saw it in a video. Picture it in your head.
- 2 Now think about this list of questions. If you can't answer them yourself, ask a family member or friend to help, or make your best guess.
 - What's the name of the park?
 - Are there any streams, lakes, rivers, pools, or other water features there?
 - What are the plants like? Are there trees, flowers, or grassy fields?
 - What animals do you see there? Make a list.
 - Are there mountains or hills? Is it flat?
 - Are there any buildings, playgrounds, or other human-made structures?
 - What can you do in the park? Are there trails you can hike or bike? Can you row a boat on a lake?
- 3 Create a map of the park, using colors and symbols to represent different features, such as water, grass, trees, mountains, different plants and animals, buildings, and other human-made structures. Include these important parts of a map:
 - Title (the name of the park)
 - Orientation (which way is north?)
 - Author (you!)
 - Date (when did you draw it)
 - Scale (how far apart are the things on the map?)
 - Legend (what do the symbols and colors mean?)
- 4 Share your finished map with your friends and family and explain why this is your favorite park.

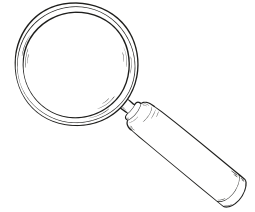


MAP YOUR FAVORITE PARK



WORDPLAY IN THE PARK

ACTIVITY 1 Ages 4-8



MATERIALS

Device with an internet connection (optional)

TO DO

You can explore Yellowstone National Park—even from far away! Get to know the park’s amazing sights with this [interactive park map](#) to help you answer the questions below. (Scroll down the page a bit to get to the map.) Then see what the highlighted letters from the answers spell.

- 1 _____
What park entrance is closest to Mammoth Hot Springs?
- 2 _____
Which Prismatic Spring is a colorful “hotspot” in the western part of the park?
- 3 _____
What winding, watery feature leads to the park’s own Grand Canyon, near the middle of the park?
- 4 _____
Where might you find trumpeter swans in the park?
- 5 _____
Which park entrance is closest to the Absaroka Mountains?
- 6 _____
What mountains are in the northwest corner of the park?
- 7 _____
What “elderly” but reliable geyser is on the edge of the Yellowstone Caldera?
- 8 _____
In what valley might you find wolves?
- 9 _____
If you want to go to Yellowstone Lake, which entrance is closest?

Mystery Word

MAPMAKER WORDPLAY QUEST

ACTIVITY | Ages 9+

MATERIALS

Device with an internet connection

TO DO

Search for each location below using [MapMaker](#). Look at the places below using two basemaps (found in Map Settings): **National Geographic** and **Imagery** (a satellite image taken from space). Zoom in and out to explore and help you answer the questions. Then combine and unscramble the highlighted letters to solve the puzzle!

1 _____

What road would you travel to get to Grand Prismatic Spring?

2 _____

Name the river to cross to get to Grand Prismatic Spring.



3 _____

ROYGBIV represents _____ colors, also seen in Grand Prismatic Spring.

4 _____

Find the largest island in Yellowstone Lake.

5 _____

If you are drive along Grand Loop Road, what road do you turn on to get to the Fishing Bridge?

6 _____

What's the closest park entrance to Mammoth, WY?

7 _____

The buildings with red roofs in the **Imagery** basemap are on what road, named for people of rank in the military?

8 _____

What natural feature of the Yellowstone River southeast of Canyon Junction, WY stands out in the **Imagery** (satellite) basemap?

9 _____

What smells rotten on this mountain south of Canyon Junction, near Hayden Valley?

Solve: What Yellowstone animal's name sounds like a cross between a part of a fork and a musical instrument?

ANSWERS

PG 5

1. NORTH ENTRANCE
2. GRANDD
3. YELLOWSTONE RIVER
4. YELLOWSTONE LAKEE
5. NORTHEAST ENTRANCE
6. GALLATIN
7. OLD FAITHFUL
8. LAMARR
9. EAST ENTRANCE

Answer: ADVENTURE

PG 6

1. GRANDN LOOP ROAD
2. FIREHOLE
3. RAINBOW
4. FRANK ISLAND
5. EAST ENTRANCE
6. NORTHH ENTRANCE
7. OFFICERS ROW
8. GRAND CANYON
9. SULPHUR

Scrambled Letters: NORNRHOGP

Answer: PRONGHORN

Full Links

PG 5

Interactive park map

<https://www.nps.gov/yell/learn/kidsyouth/index.htm>

PG 6

Mapmaker

<https://mapmakerbeta.nationalgeographic.org/map/89bbef79a0264eb19681d4268321fce9>