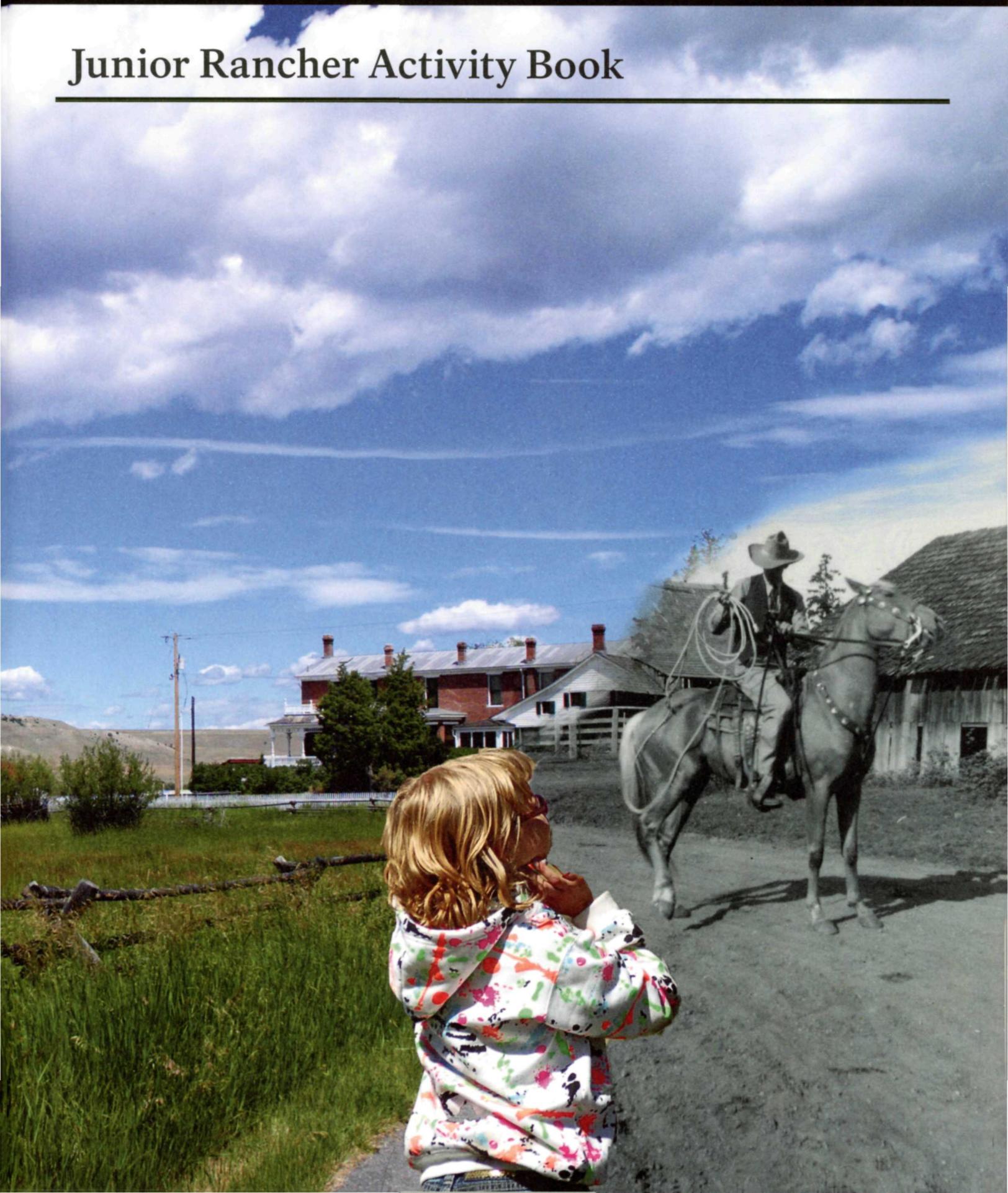




## Junior Rancher Activity Book

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# Welcome to Grant-Kohrs Ranch!



Becoming a Junior Ranger is fun! As you explore Grant-Kohrs Ranch National Historic Site, you will discover what life was like for the people who lived on the ranch. You can learn to rope, tour the ranch house and learn how cowboys do their jobs. Just follow the directions and you'll earn your Grant-Kohrs Ranch Junior Ranger badge in no time!

## Earning your Junior Ranger Badge is as easy as 1-2-3:

1. Complete the 3 activities with the ranger hat.



2. Finish at least 3 more activities for your age group. Look for the horse or bull at the top of the page. Choose which activities that you would like to do.



Ages 5-8



Ages 9-12



3. Attend at least one ranger program.

Ranger program I attended: \_\_\_\_\_

One thing I learned at the program: \_\_\_\_\_

\_\_\_\_\_

Ranger Signature: \_\_\_\_\_

Bring your finished booklet to the visitor center to get your official badge or patch.



# National Park Service



There are more than 400 National Park Sites in the United States. These sites help preserve beautiful scenery, wildlife, and history. National parks are for you to enjoy as you learn. This map shows where some of these places are located.

1. Match the National Park Site with its location on the map! Write the number in the circle.
2. Put an X where you live.
3. Circle the National Park below that is closest to your home.
4. Impress a Ranger! Label some of the other National Park Service sites you have visited

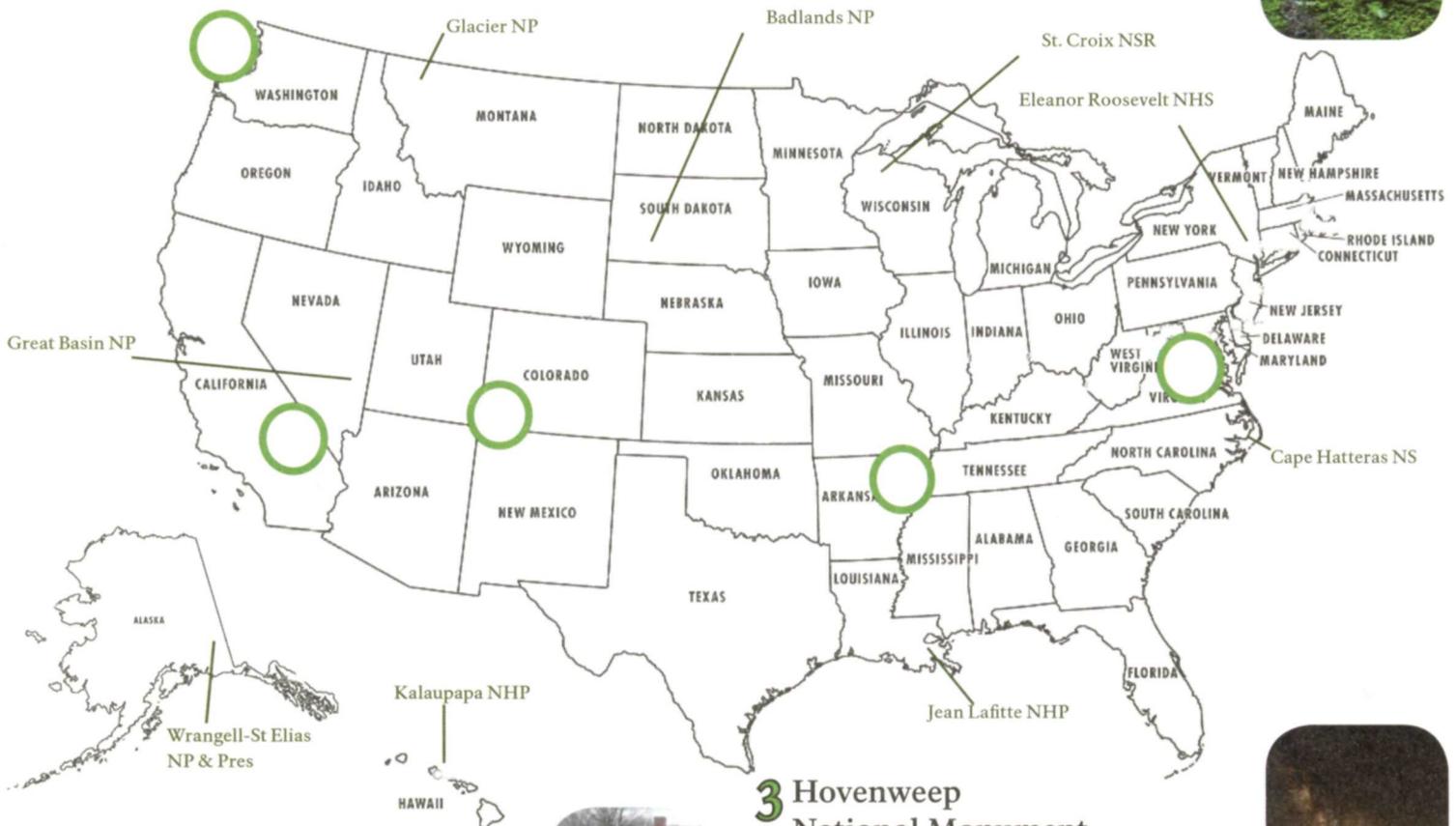
## 1 Manzanar National Historic Site

In 1942, over 110,000 Japanese Americans were forced to leave their homes and live in camps like this.



## 2 Olympic National Park

protects a vast wilderness, glacier-capped mountains, old-growth temperate rain forests, and over 70 miles of wild coastline.



## 3 Hovenweep National Monument

Walk in ancient footsteps. Soak in the silence. Marvel at a night sky overflowing with stars. Discover villages once home to ancestors of today's Pueblo people.



## 4 Minute Man National Historical Park

Stand where the American militiamen stood and began the Revolutionary War by going against the British in April 1775.



## 5 Little Rock Central High School National Historic Site

tells the story of how white and African American students in southern states were allowed to go to the same school, beginning in 1957.



# Symbols



The arrowhead patch is a symbol that you will see on every Park Ranger's uniform and on signs throughout the park. It is important because each part of the patch represents the resources the National Park Service works to protect.

**Instructions:** Find an arrowhead in the park and draw in the missing elements in the outline below. Then read about what each part of the patch represents. In the blank arrowhead at the bottom of the page, draw the symbols you think represent Grant-Kohrs Ranch.

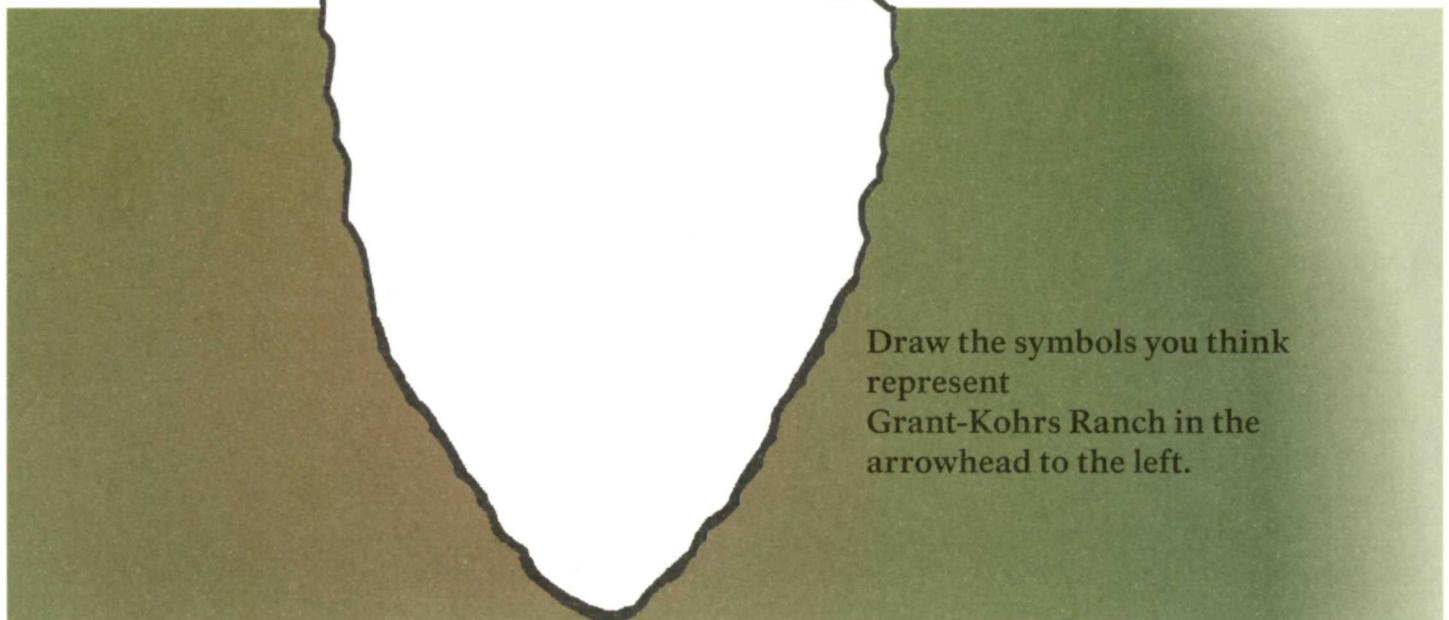
The bison represents all the different animals in all the different parks.

The trees represent all the different plants.

The mountain represents all the different land formations.

The lake represents all the different bodies of water.

The arrowhead shape represents the different history at every park.



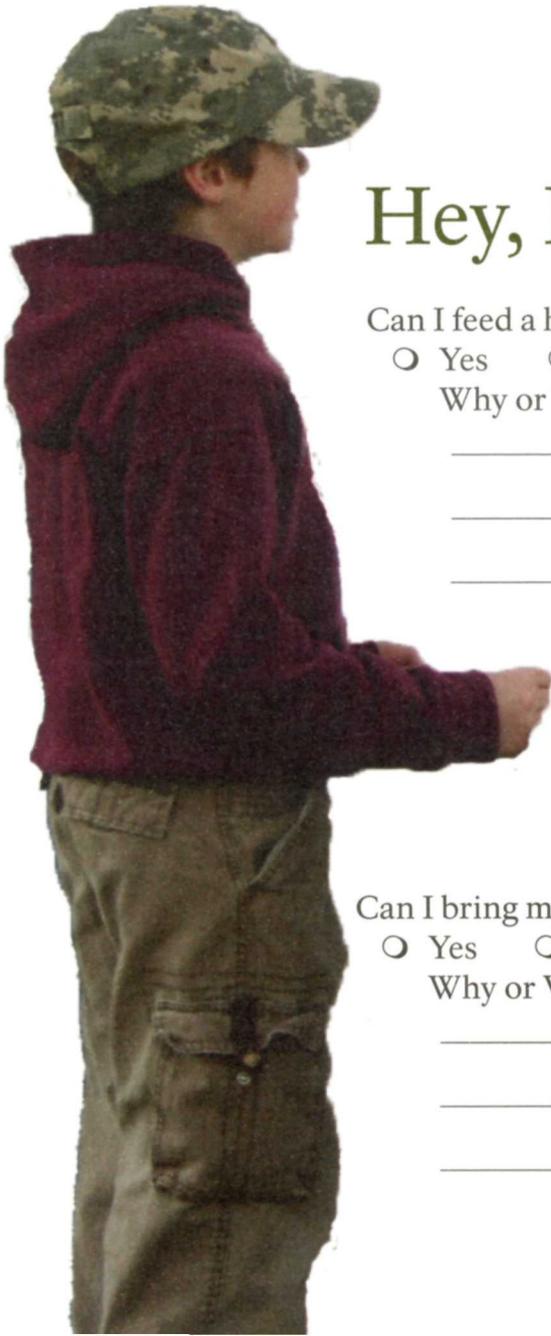
Draw the symbols you think represent Grant-Kohrs Ranch in the arrowhead to the left.

# Hey, Ranger!



Part of every ranger's job is to help visitors understand and enjoy the park. At Grant-Kohrs Ranch, it's a big job to keep visitors and livestock safe.

1. Imagine you are a park ranger.
2. Draw yourself under the hat.
3. Give yourself a name tag.
4. Look at the safety sign outside the Visitor Center door to learn the rules of the ranch.
5. Answer the visitor questions on the lines below them.



## Hey, Ranger!

Can I feed a horse?

Yes     No

Why or Why not?

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What can I rope?

---

---

---



Is it safe to pet a cow?

Yes     No

Why or Why not?



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---

---

Can I bring my dog?

Yes     No

Why or Why not?

---

---

---

What do I need for summer?

---

---

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# Horse'n Around



Horses can be many shapes, sizes, and colors. Read about some of the different kinds of face markings a horse might have. When you have finished you can draw your own markings on the horse below and give your horse a name.



**Star** - White spot on the forehead.

**Snip** - White spot on the muzzle.



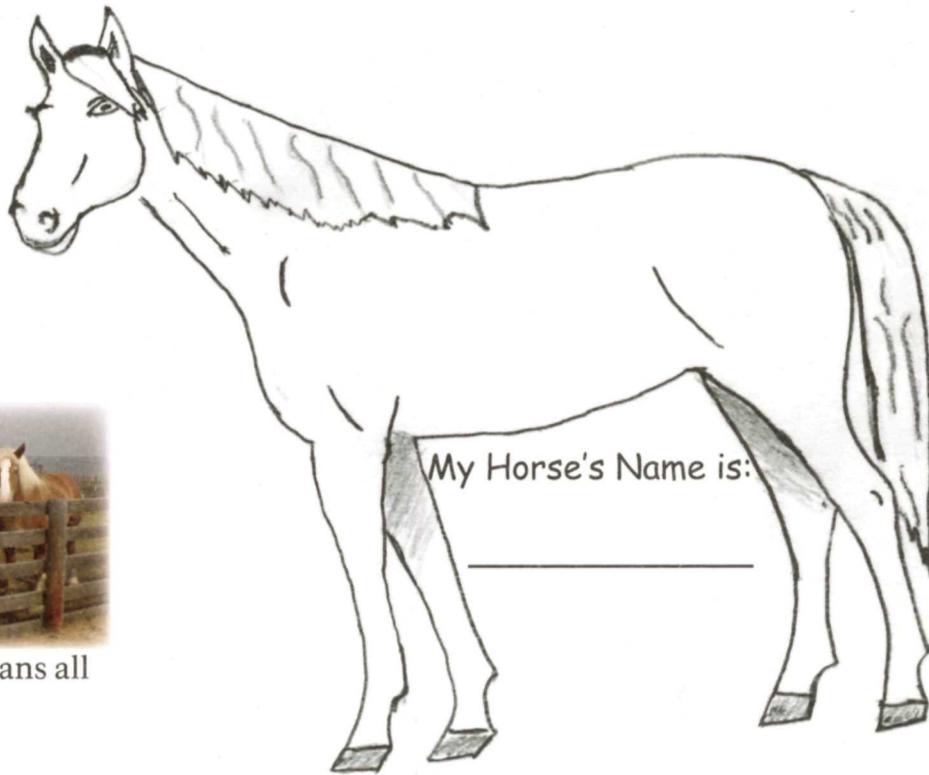
**Stripe** - Narrow white stripe down the center of nose.



**Blaze** - Wide white area that runs down bridge of nose.



**Bald** - White mark that covers most of the face.



This horse has a star stripe and snip connected.



These four Belgians all have blazes.

Write the type of face markings these horses have on the line below the picture.



\_\_\_\_\_



\_\_\_\_\_



\_\_\_\_\_

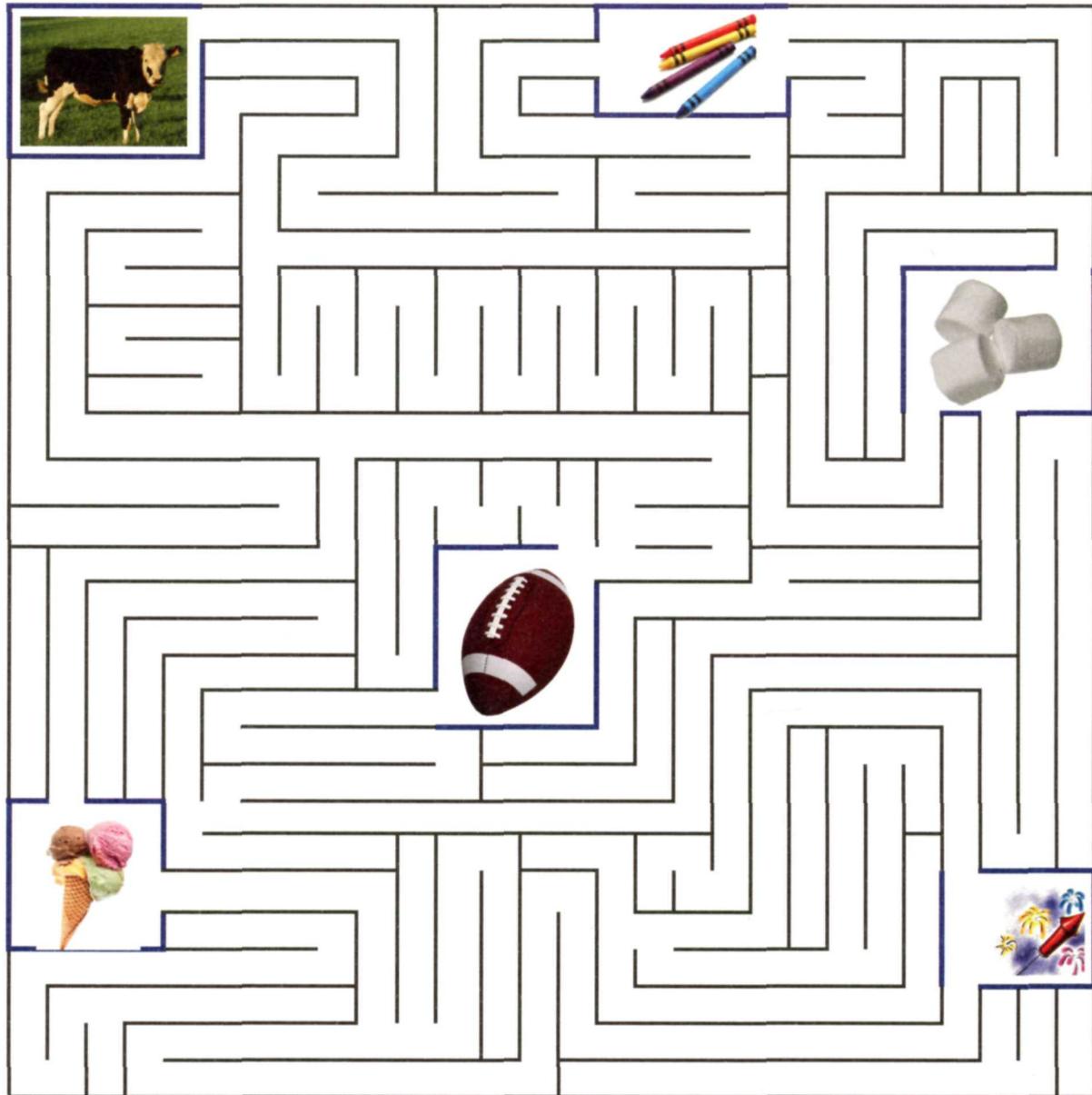


\_\_\_\_\_

# Where's the Beef?



There are many things made from cows other than hamburgers and steaks. You might use many of them. Start at the cow and follow the maze to find out what everyday items have things made from cows in them.



- \* Hide is used in the leather on footballs
- \* Bones and hide are used to make gelatin, which is in marshmallows and ice cream
- \* Fats are used in crayons
- \* Fats are used to make fireworks

# It Comes From Where?



We get a lot more from cows than just steaks and hamburger. Look at the list below to see what other products are made from cows. Things that are made from parts of the cow besides meat are called by-products. Circle the ones you knew came from cows.

## From Fats:

- chewing gum
- soap
- lipstick
- face /hand cream
- gelatin
- marshmallows
- ice cream

## From Bone Marrow:

- gelatin
- marshmallows
- ice cream

## From Bones, Horns and Hooves:

- buttons
- piano keys
- glue
- wallpaper
- sandpaper
- toothbrushes

## From Intestines:

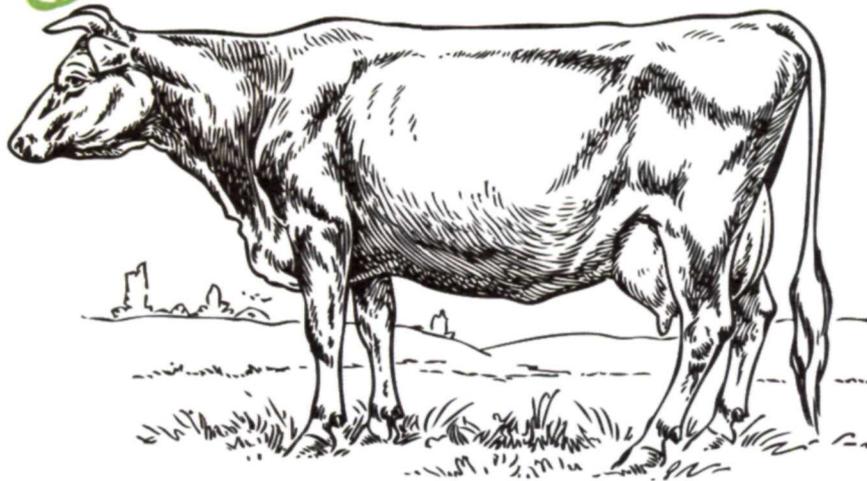
- hot dog casings

## From Hides:

- leather

I'm going to end up on someone's plate?  
List some meals that are made with beef.

**Fantastic Factoid:**  
Medicine is also made from cows!  
Insulin used in treating diabetes is made from a cow's pancreas.



There are many cattle by-products that are not listed. Can you think of any others? Write them here.

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# Interview a Park Employee



The people that work at Grant-Kohrs Ranch National Historic Site have many different jobs. They do things such as: take care of roads and buildings; give house tours; pick up trash; teach visitors about the site; feed the horses and cows.

Ask anyone you see in a uniform or historic dress if you can talk to them about their job. Then ask them the questions below. Write their answers on the line. Then add 2 questions of your own and write the answers below.

1. What is your name? \_\_\_\_\_

2. What is your job title? \_\_\_\_\_

3. How long have you worked at Grant-Kohrs Ranch? \_\_\_\_\_

4. What do you do in your job? \_\_\_\_\_

\_\_\_\_\_

5. What do you like best about working at Grant-Kohrs Ranch NHS? \_\_\_\_\_

\_\_\_\_\_

6. \_\_\_\_\_

\_\_\_\_\_

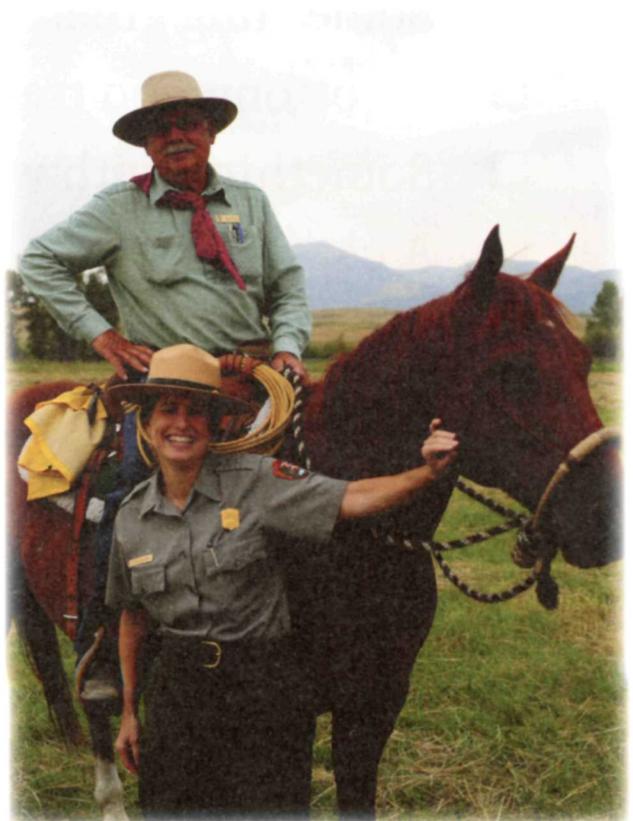
\_\_\_\_\_

7. \_\_\_\_\_

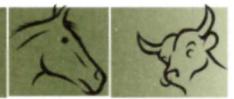
\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



# Scavenger Hunt



Find the things below as you visit Grant-Kohrs Ranch. Use the lines to share what you see.

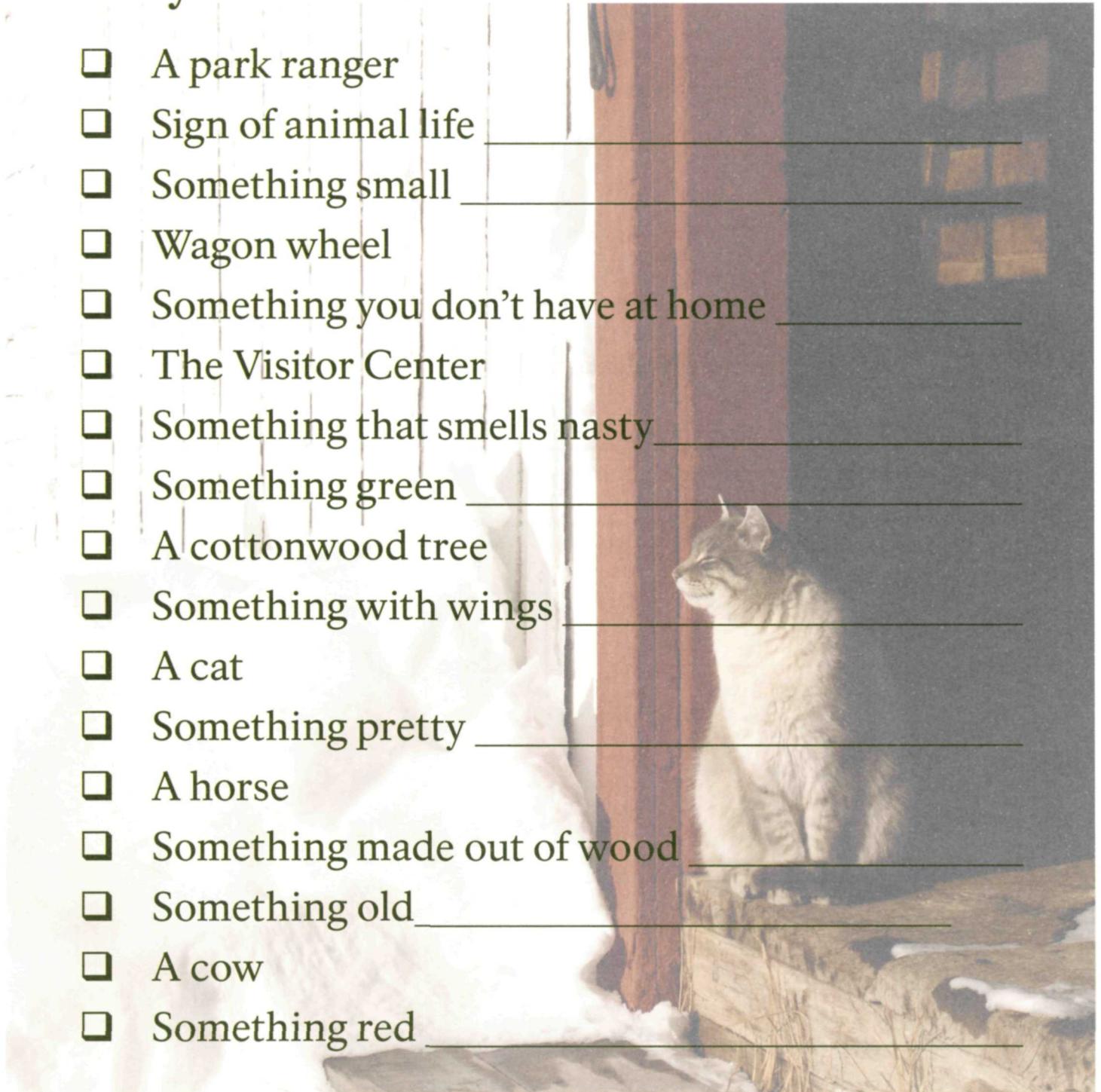
Ages 6 -7 must find at least 8

Ages 8-9 must find at least 12

Ages 10-12 must find at least 15

## Can you find...

- A park ranger \_\_\_\_\_
- Sign of animal life \_\_\_\_\_
- Something small \_\_\_\_\_
- Wagon wheel \_\_\_\_\_
- Something you don't have at home \_\_\_\_\_
- The Visitor Center \_\_\_\_\_
- Something that smells nasty \_\_\_\_\_
- Something green \_\_\_\_\_
- A cottonwood tree \_\_\_\_\_
- Something with wings \_\_\_\_\_
- A cat \_\_\_\_\_
- Something pretty \_\_\_\_\_
- A horse \_\_\_\_\_
- Something made out of wood \_\_\_\_\_
- Something old \_\_\_\_\_
- A cow \_\_\_\_\_
- Something red \_\_\_\_\_



# Cowboy Gear



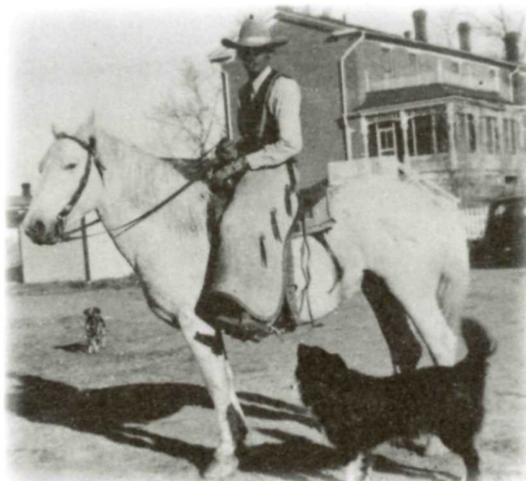
Everything a cowboy wears has a purpose. Look at the cowboy gear on this page. What do you think each thing is used for? Jack Peters (below) worked at the ranch in the 1930's. Can you match the items to the picture of Jack? Then find the words in the word find below.



Vest



Boots



Coat



Chaps



Lariat



Spurs



Gloves



Hat

O S H D S P V X J E M E E Y S Y P X K H  
 N K P T K F B K R E D N E F D J D D M X  
 B E O U F E P L Q W E S H J Y N X L H X  
 U O C N R A L E A C H A P S Y N U U P E  
 B E A C H S F T X N J X J P V B V U C Y  
 R K B K W M F E N A K R X E R C X E I V  
 A S G N C L U E M A I E S A Z C G L N Y  
 G K P S T I R R U P C T T E M L T D C D  
 L U I U Z V J H V P P G K R O E A D H R  
 C C M W D H L U C M Y J N V B Q H A L E  
 N W W W O O R F Q K C P E Y F O L S A Y  
 W R U K E E I U G K H S T A O C A N R B  
 N K O O L V D J D T Q I E E Y V T O I P  
 V E E H N A W S M U V C L V K Q I T A X  
 H E E Z E G U Y P S T H W E R U W Y T H

**\*\* Bonus\*\*** Find the parts of the saddle, too.

Cinch

Stirrup

Cantle

Saddle

Blanket

Fender

Horn

# Fix it or Toss it?



The blacksmith shop is where Conrad Warren fixed things that got broken on the ranch. Mr. Warren built this shop in 1935. Things had changed since his grandfather, Conrad Kohrs, was here. Mr. Warren had electricity and used machines to do work at the ranch. The draft horses pulled some of the machines. He also got the tractor he is using in the picture below.



Imagine that there was no internet to order things from and no store down the street that had what you needed. That is what it was like for Mr. Warren. He built this blacksmith shop so that he could fix things himself or make things, like a branding iron.

1. Draw a line from what you need to do to make a branding iron to the tool you would use.
2. Find the official brand certificate in the blacksmith shop and answer the questions below.



Cross Peen Hammer



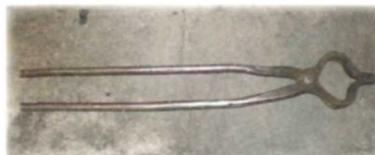
Forge

You need to...

- heat a piece of metal so that you can shape it
- grab onto the hot metal and hold it while you shape it
- pound the hot metal to shape it
- lay the hot metal on something to pound it against
- put more coal on the fire



Fire Shovel



Tongs



Anvil

What is the Grant-Kohrs Ranch registered brand? \_\_\_\_\_

Where does the brand need to be placed on the cattle? \_\_\_\_\_



Your mission is to look for signs of wildlife. If you don't see an animal, look for tracks, a nest, holes, scat (poop) or feathers.

## Wildlife Sightings

\_\_\_\_\_

Animal

Where did you see it? \_\_\_\_\_

What time of day? \_\_\_\_\_

What was it doing? \_\_\_\_\_

Draw the animal in the space below.

\_\_\_\_\_

Animal

Where did you see it? \_\_\_\_\_

What time of day? \_\_\_\_\_

What was it doing? \_\_\_\_\_

Draw the animal in the space below.



## Signs of Wildlife

\_\_\_\_\_

Clue

Where did you see it? \_\_\_\_\_

What animal do you think it is a sign of?

\_\_\_\_\_

\_\_\_\_\_

Clue

Where did you see it? \_\_\_\_\_

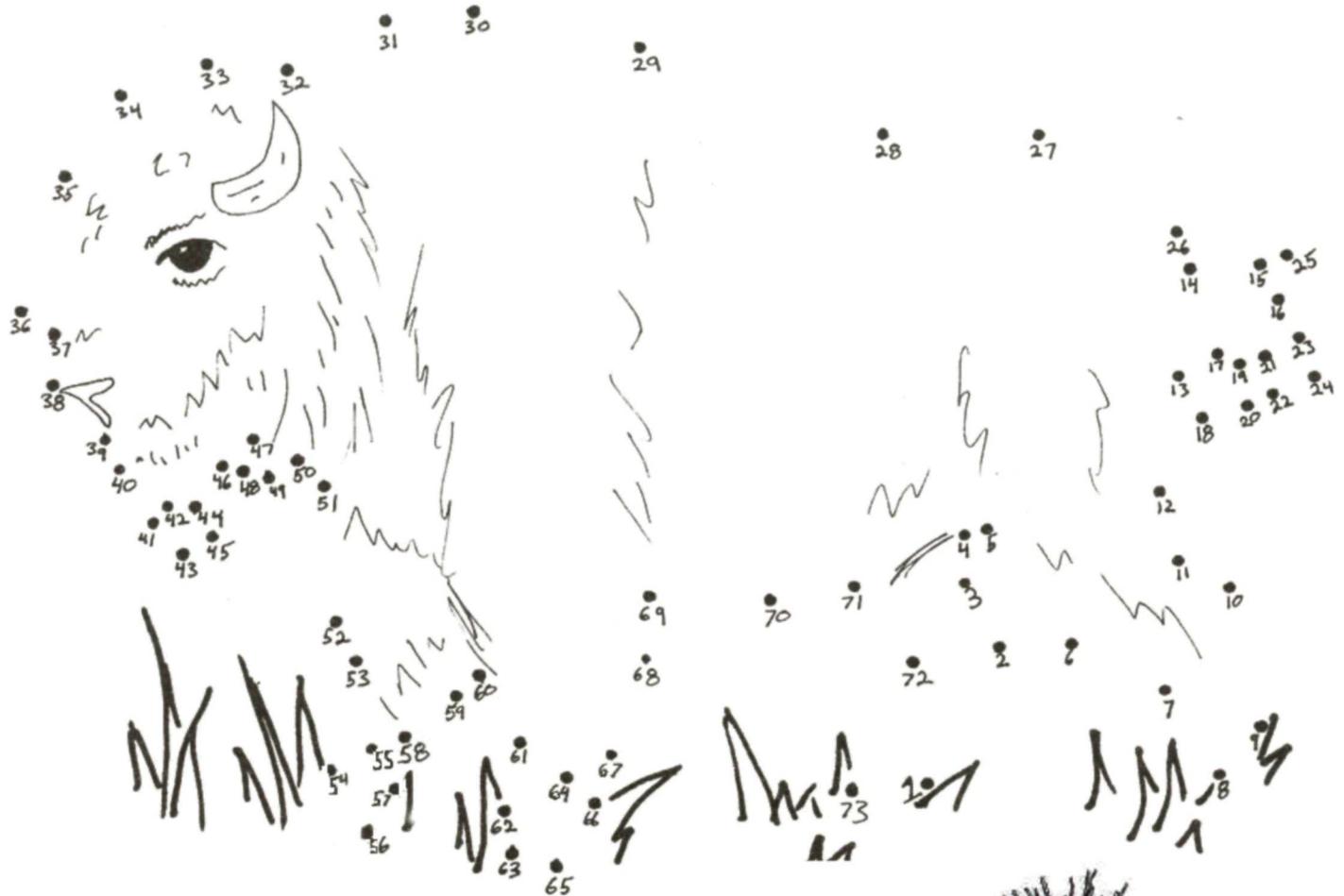
What animal do you think it is a sign of?

\_\_\_\_\_

# Native People

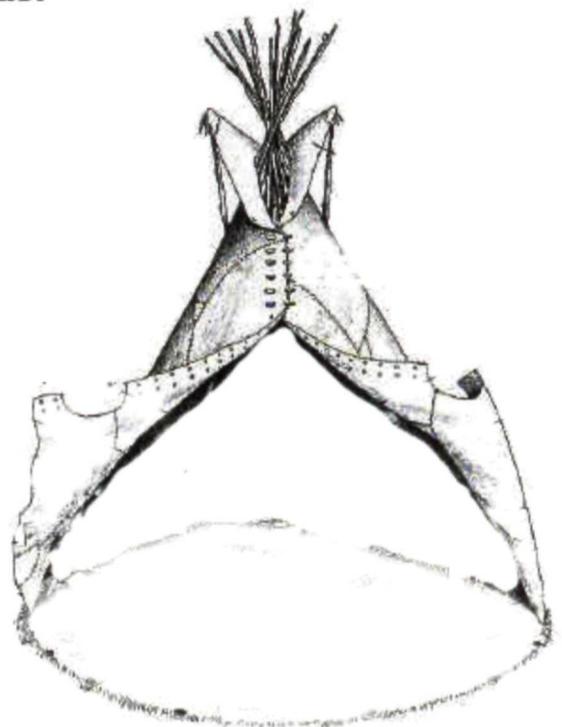


Before cattle grazed the open range there were bison, also known as buffalo. These bison were very important to native people. The bison were the main food source for a lot of tribes. In 1800, there were about 60 million bison roaming the plains. Less than 100 years later, there were only about 1,000 left. There was a lot more grass for cows to eat because most of the bison were gone.



Visit the tipis near the visitor center to answer the questions.

1. How many poles can you count on each tipi?
2. What is the rope for?
3. What is missing from these tipis?
4. Go inside a tipi and imagine that you live there.
5. Draw what the inside would look like in the picture.





# Cowboy Writing



There were no fences on the open range. Like you put your name on your things, ranchers put their mark or brand on their cattle. They learned how to do this from Mexican cowboys. Putting the brand on the cow is called branding. Branding is still done today.

How to read a brand:

- Read from left to right.
- Read from top to bottom.
- Read from outside to inside.



CK



1. Use the brand bank to help you read the brands below.
2. Write how you would read the brand on the line below it.
3. Check your answers with the answer key at the bottom of the page.
4. Create your own brand in the box.

**\*\*Bonus\*\*** Find three different brands on the ranch.

BRAND BANK					
<u>Rocking</u>	<u>Hanging</u>	<u>Swinging</u>	<u>Bar</u>	<u>Lazy</u>	<u>Tumbling</u>



\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



Your brand



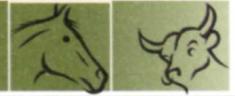
\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

# Cowboy Poetry



It was a lonely life for a cowboy riding the range. One of the ways they passed the time was by making up poems or songs to share with other cowboys around the fire at night. Cowboys often sang at night, so that the cattle wouldn't be spooked by them riding by. Sometimes cowboys borrowed the melody or even the words from other songs.

Can you do the same?

1. As you tour the ranch, read the signs and look for things you find interesting.
2. Write down descriptive words, phrases or lines on the lines below. You are collecting words you might use later.

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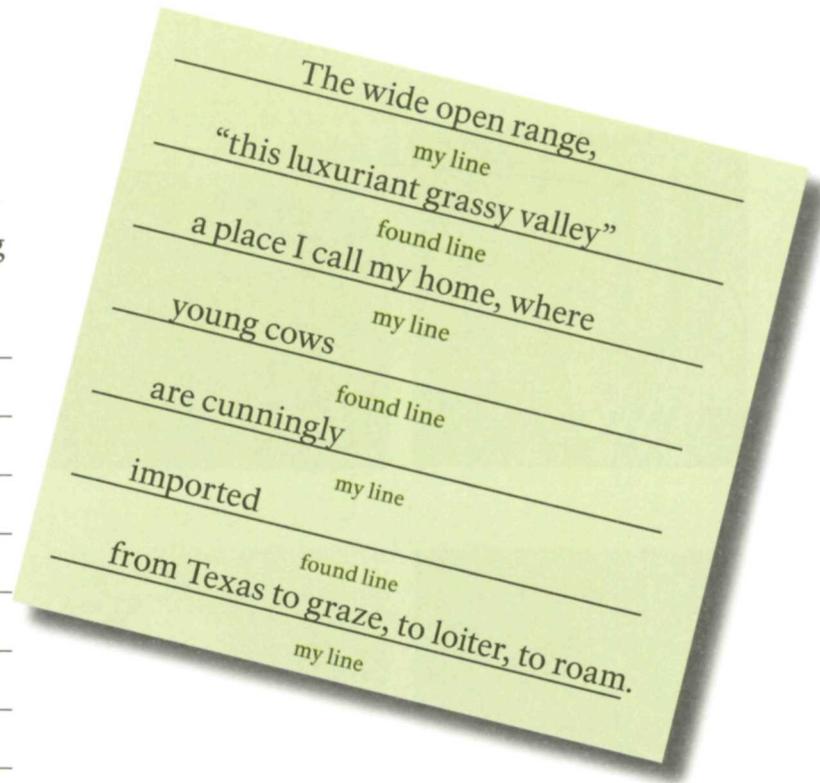
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3. Pick out phrases or words from your list and write them on the lines below labeled *found lines*.
4. Fill in the lines labeled *my lines* to connect the *found lines* to create your own poem.

---

my line

---

found line

---

my line

---

found line

---

my line

---

found line

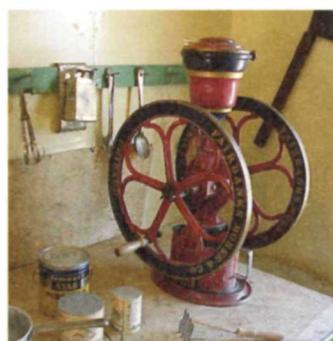
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my line

# Have You Seen This?



Conrad Kohrs' cattle roamed over 10 million acres of open range in four states: Montana, Idaho, Wyoming, Colorado and two Canadian provinces: Alberta and Saskatchewan. Grant-Kohrs Ranch National Historic Site is 1,600 acres. That's still a pretty big place. Look for the things pictured and mark the ones that you find. Ages 5 - 8 find 5 things. Ages 9-12 find 8 things.





As a Junior Rancher, I promise to enjoy and protect historic sites by continuing to explore, and learn about the people of the past, the things left behind and how they shaped our world.

## Did you know...

Grant-Kohrs Ranch National Historic Site is the only National Park Site created to preserve the Open Range Era of cattle ranching?

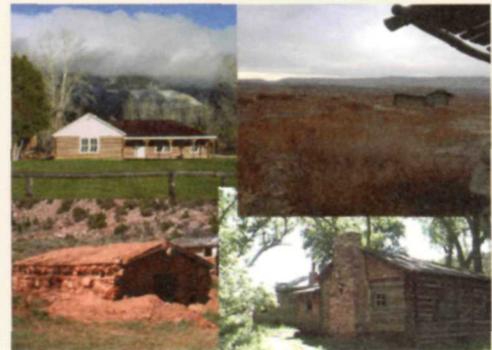
Other National Park sites have historic ranches, too?

### Theodore Roosevelt National Park



Elkhorn Ranch was Theodore Roosevelt's cattle ranch in the badlands of North Dakota.

### Bighorn Canyon National Recreation Area



Bighorn Canyon has four historic ranches. These ranches are an important part of the Bighorn Canyon story.



Can you find more National Park sites that have ranches?  
Visit [www.nps.gov](http://www.nps.gov) for more information.  
Explore the WebRangers page for more fun activities.



This certifies that

\_\_\_\_\_

has completed all the activities to become a

# JUNIOR RANCHER

at Grant-Kohrs Ranch NHS

on this,

the \_\_\_\_\_ day of \_\_\_\_\_ in the year \_\_\_\_\_

\_\_\_\_\_  
Official Park Ranger Signature

