

## Junior Ranger Pledge

As a Junior Refuge Ranger, I promise to learn as much as I can about nature and the National Wildlife Refuge System. I promise to protect and preserve the wildlife and plants, and to help keep the water, land, and air clean. I will share what I have learned with my friends and family.

---

Junior Ranger Signature

---

Refuge Staff/Volunteer Signature

**Rocky Mountain Arsenal National Wildlife Refuge**

**6550 Gateway Road - HQ**

**Commerce City, CO 80022-1748**

**303.289.0930**

**rockymountainarsenal@fws.gov**

**<http://www.fws.gov/refuge/rocky-mountain-arsenal>**



**Rocky Mountain Arsenal National Wildlife Refuge**

## **Junior Ranger Program**



### **How to Earn Your Junior Ranger Badge**

Complete at least **4 activity pages** to earn your Rocky Mountain Arsenal National Wildlife Junior Ranger Badge. When you are finished, bring your activity booklet to the Visitor Center Information Desk. We will review it with you and award you with your official Junior Ranger Badge!

## Exhibit Hall Scavenger Hunt

Find the prairie dog display in the Visitor Center lobby. How many prairie dogs do you see?

\_\_\_\_\_ Can you find the black-footed ferret?

In the blue exhibits, find the coyote and deer jawbone. Notice the differences in teeth. What do mule deer eat?

Meat

Leafy Plants

In the orange exhibits how did kids get to school?

Horse

Car

In the green exhibit mix and match your favorite short-grass prairie ingredients.

Search and Find....

the old radio

the old telephone

the bald eagle and red-tailed hawk (look up!)

Have your picture taken in front of the bison

## Visitor Center Back Patio

Find the animal shapes on the back patio attached to the Visitor Center wall.

Measure up and write what animal is your size.

\_\_\_\_\_

How many of you would it take to be a bison?

\_\_\_\_\_

Count how many of your hands it would take to make a bald eagle wingspan.

\_\_\_\_\_

Try to jump the length of the mallard duck wingspan.

If you could be one of these animals, which one would it be? \_\_\_\_\_



# Wildland Firefighter Physical Fitness

Wildland firefighters help prevent and put out wild fires. They must carry a lot of tools and heavy gear. They have to take a physical fitness test each year to make sure they are in shape to safely fight fires. Test your physical fitness by doing....



10 jumping jacks

Balance on one foot for five seconds



Run in place for ten seconds



Touch your toes



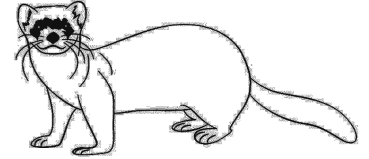
Check the box after you've completed these activities.

## **Fun fact:**

Wildland fire fighters carry up to 150 pound backpacks when going into the wilderness to fight fires. It's like carrying 15 bowling balls!

# Ferret It Out

Visit the black-footed ferret exhibit near the Visitor Center back patio. Signs will guide you. Be sure to walk up the sidewalk to the rooftop of the building where the telescope is located. Use the signs on the railing to answer these questions.



1. Black-footed ferrets live in the (circle one)  
short grass prairie      trees      by water
2. Black-footed ferrets were thought to be extinct.      True      False
3. Write down 2 animals that are predators of the black-footed ferret.  
1. \_\_\_\_\_ 2. \_\_\_\_\_
4. Young ferrets are called kits: True      False
5. Ferrets are active at night (nocturnal). Think about what it would be like to hunt for food at night. Which senses are the most important? (circle answers)  
Sight      Hearing      Touch      Smell      Taste

## Bison Hike

Hike the Discovery Trail located near the Visitor Center back patio. Ahead on the other side of the fence is one of the refuge's bison pastures. Along the trail, near the bison watering spot, is a sign about the bison. Locate the sign and answer these questions.

Male bison (bulls) weigh \_\_\_\_\_ pounds

Female bison (cows) weigh \_\_\_\_\_ pounds

Bison can run up to \_\_\_\_\_ miles per hour

Bison can walk up to \_\_\_\_\_ miles per day

Bison can live up to \_\_\_\_\_ years old

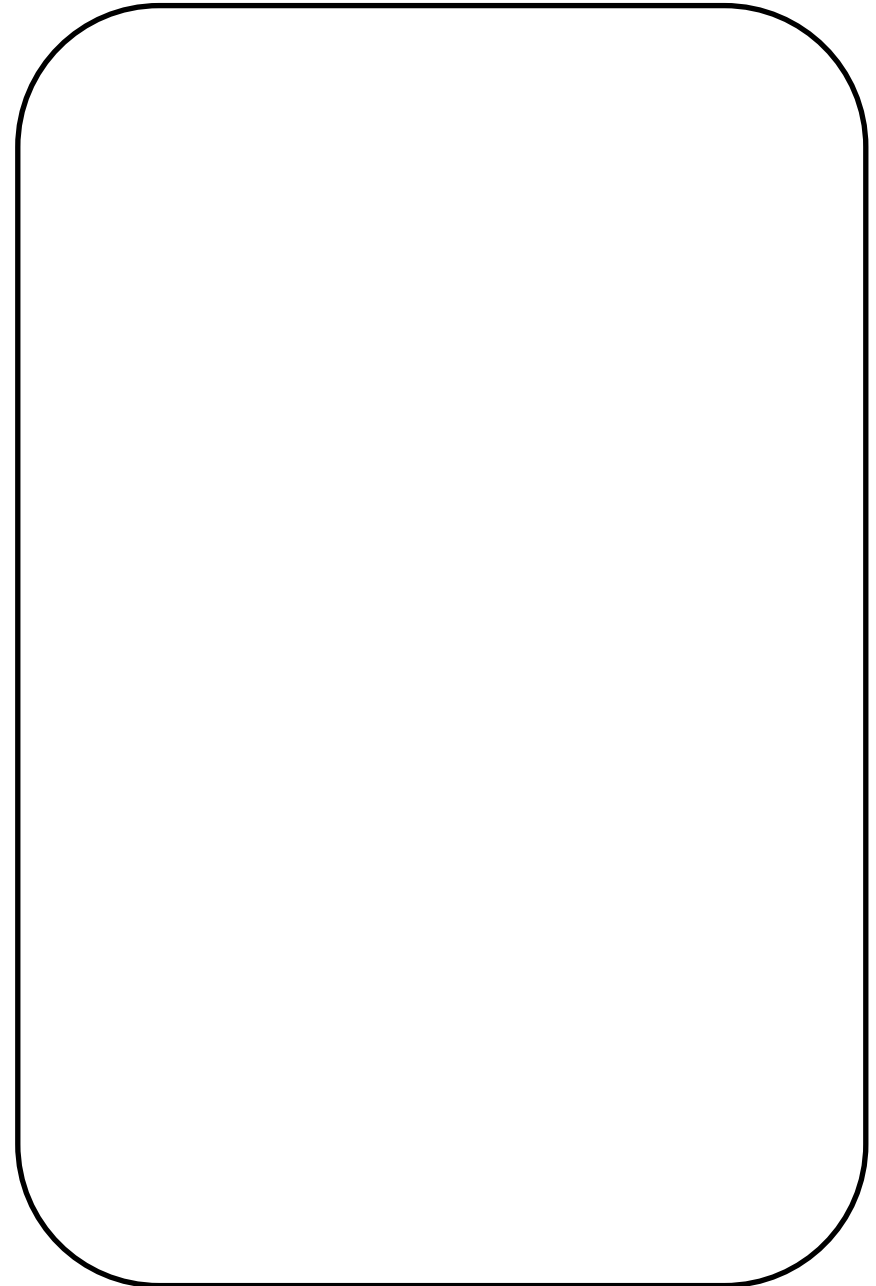
Bison have (circle one):   Horns    Antlers

One way you can judge a bison's mood is by watching  
\_\_\_\_\_

Bison have excellent hearing and sense of smell? (circle one)

True   or   False

## Animal Adaptations Drawing



# Animal Adaptations

Adaptations are any behavioral or physical characteristics of an animal that help it survive in its environment.

Here are some examples:

- Webbed feet** help animals move through the water
- Whiskers** help an animal feel its way through tight spots.
- Sharp teeth** help an animal eat meat.
- Wings** help an animal fly and travel from place to place.
- Camouflage** help animals blend into their habitat to avoid predators or sneak up on prey.
- Fins** help animals move through water

Now that you know more about adaptations make your own imaginary refuge animal:



**Animal Name:** \_\_\_\_\_

**Where does it live:** \_\_\_\_\_

**What does it eat:** \_\_\_\_\_

**How does it move:** \_\_\_\_\_

Draw your imaginary animal on the next page.

# Bison Observation

Take the wildlife drive or hike the Discovery Trail to view bison. When you find the herd, complete these field notes.

Date: \_\_\_\_\_

Time: \_\_\_\_\_

Location: \_\_\_\_\_

Weather: \_\_\_\_\_



Count the number of bison you see: \_\_\_\_\_

Male bison (bulls) are very large and weigh up to 2,000 pounds. Females (cows) are smaller and weigh up to 1,200 pounds. See if you can spot the difference and count the number of:

Bulls \_\_\_\_\_ Cows \_\_\_\_\_ Calves \_\_\_\_\_

Are the bison resting, eating, drinking, or walking (circle one)?

If the herd is moving, what direction are they going?

\_\_\_\_\_

Write down the name of other animals you see in the bison pasture. Make tally marks next to each animal to record how many you see.

\_\_\_\_\_  
\_\_\_\_\_

# I Spy Hike

Hike a refuge trail.  
Find something that is .....

- Made by an animal
- Flying
- Made by humans
- Eating grass
- As tall as you
- As long as your shadow
- Small
- Soft
- Round
- Smooth
- Food for an animal
- Shade/shelter for an animal



# Animal Tracks

Draw a line matching the animal to its tracks.

