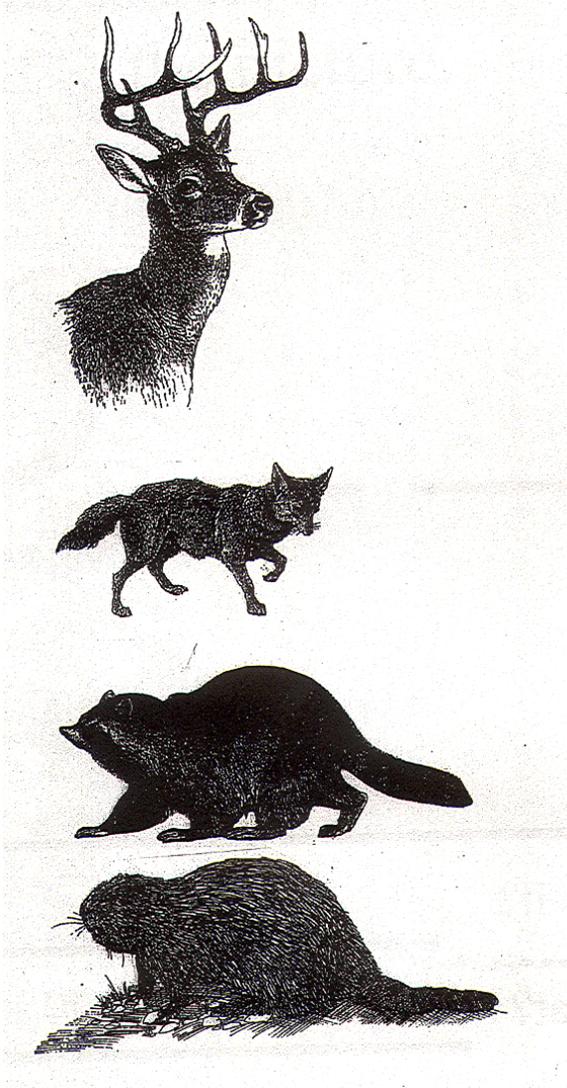


# Animal Tracks

Draw a line connecting the animal to its footprint.



## Nixon Park Scavenger Hunt

3rd grade and up

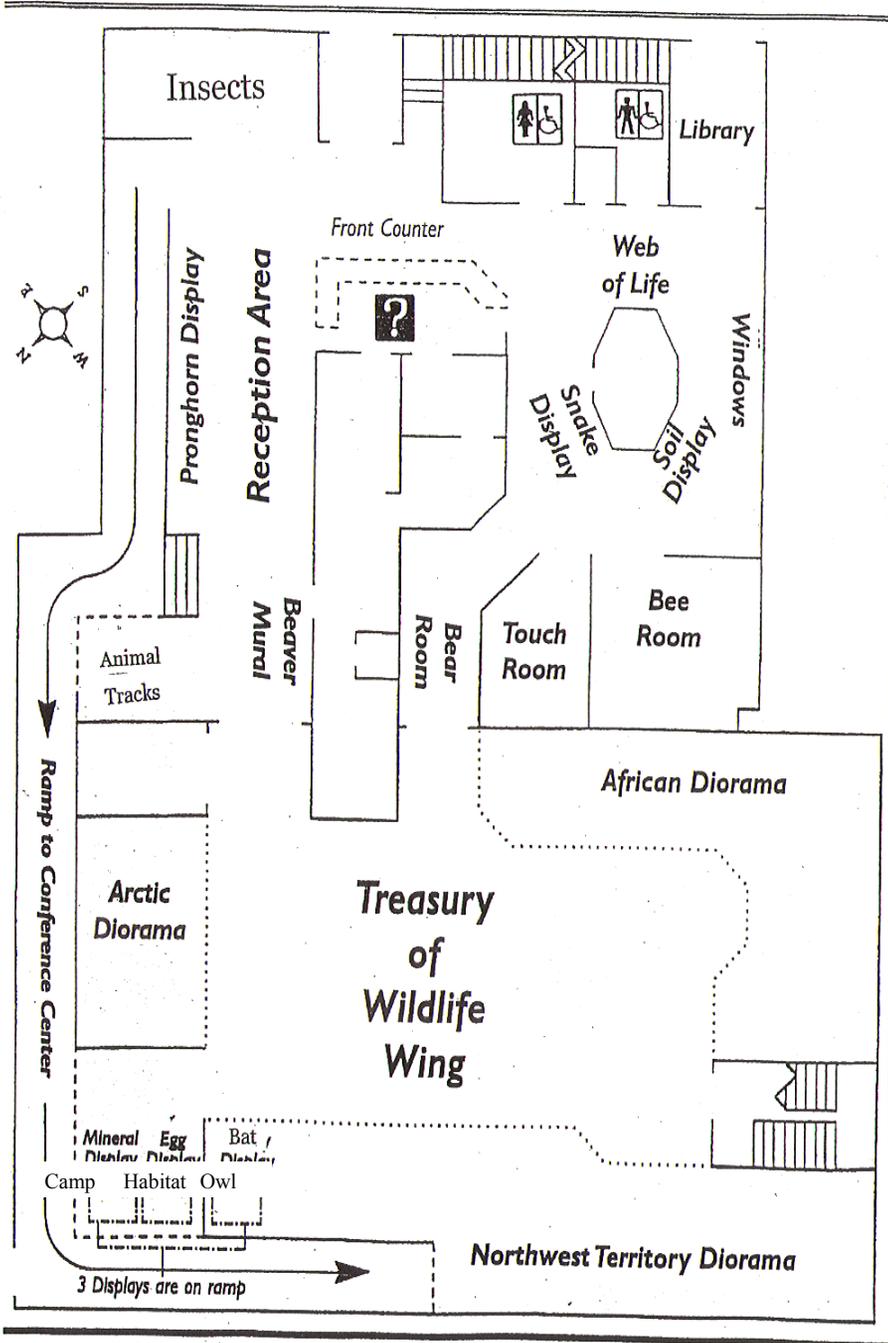


**Learn to protect and save our  
wildlife habitat in York County.**

Name:

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# Floor Plan of the Nature Center



# Owls of Pennsylvania

Owls hunt by sound, where are their ears?



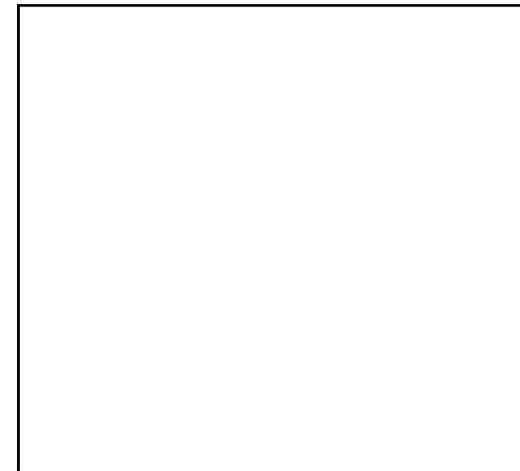
Owl feet are special, how are they special?

Don't Stink      One toe can go both ways      The whole foot rotates

How far can owls rotate their head?

90°      180°      270°      360°

Which owl is your favorite?  
Draw a Picture of it and label it.



# Dinosaurs

Were there insects around when dinosaurs ruled the land?

Yes      No

Were all dinosaurs larger than you?

Yes      No

Could any of the dinosaurs fly?

Yes      No

How are dinosaur's born?

\_\_\_\_\_

Describe the plants of the Triassic Era shown here on the dinosaur wall.

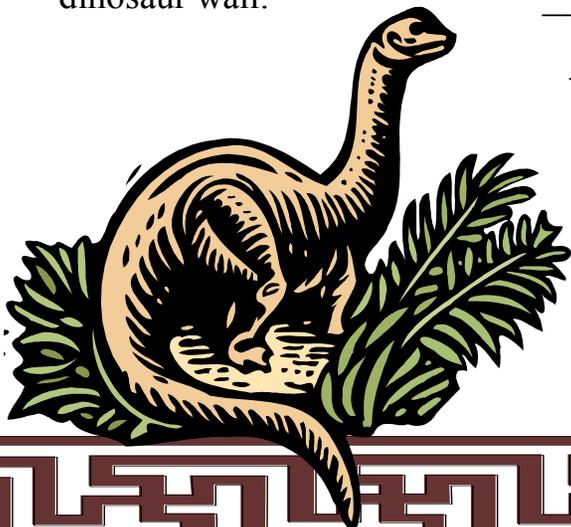
\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



# Insect Invasion



Some insects avoid being eaten by disguising themselves as a natural object such as a twig.

Can you name three other insect disguises?

\_\_\_\_\_, \_\_\_\_\_, and  
\_\_\_\_\_

Some insects take a more aggressive approach. Some moths use \_\_\_\_\_ on their wings to terrify their potential killer. Poisonous insects advertise their presence with \_\_\_\_\_.

What is mimicry? \_\_\_\_\_

\_\_\_\_\_

Name one mimic: \_\_\_\_\_

Name three insect relatives shown in the display.



\_\_\_\_\_, \_\_\_\_\_

\_\_\_\_\_

# Raindrops to Drinking Water



What is a watershed? \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

What is the name of the watershed in the mural?

\_\_\_\_\_

Circle how many gallons does Lake Redman hold?

31 Billion

3.1 Billion



3.1 Million

The water meter measures how much water is used each day at Nixon Park.

How much water was used yesterday?

\_\_\_\_\_ GAL

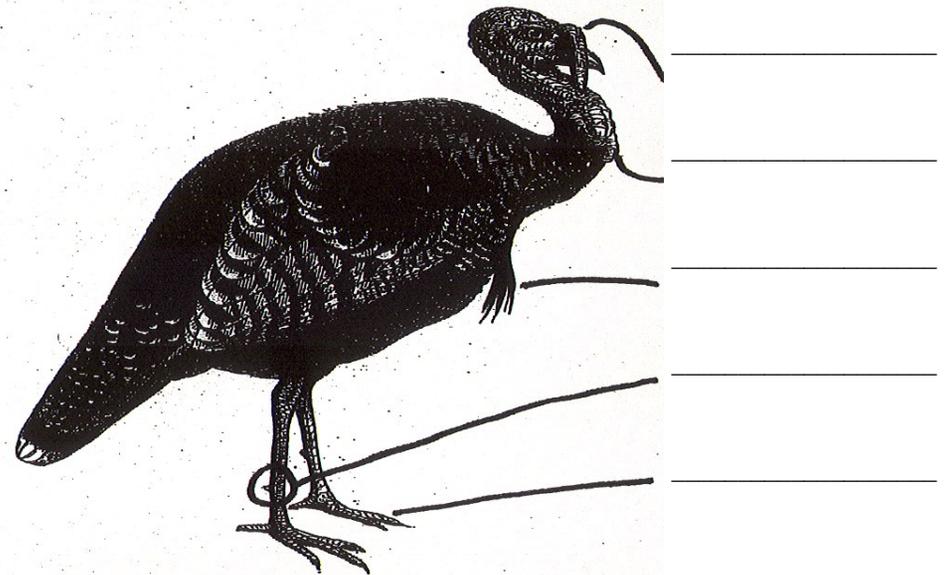
How much water has been used today?

\_\_\_\_\_ GAL

# Turkey Talk

The Wild Turkey is the largest game bird in North America. They forage mostly on the ground for seeds, nuts, acorns, and insects. At night they roost in trees. In 1776 when our national bird was being selected, Benjamin Franklin opposed the bald eagle, which he called “a bird of bad moral character”, and instead proposed the Wild Turkey be our national bird.

Label the parts of the turkey.



Is this a male or female? How do you know?

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



# The Rack Racket

Put an "A" in front of the phrases that best describe antlers. Put an "H" in front of those that best describe horns.



- \_\_\_\_\_ Is shed every year
- \_\_\_\_\_ Is attached for life
- \_\_\_\_\_ Made of keratin, like our hair
- \_\_\_\_\_ Made of bone
- \_\_\_\_\_ Found on males of the deer family
- \_\_\_\_\_ Found on male and female caribou
- \_\_\_\_\_ Found on most other hoofed animals



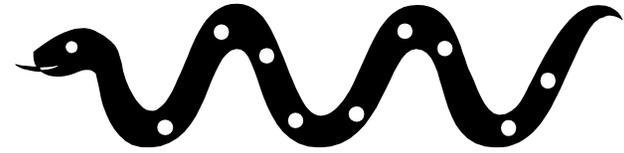
Pronghorn Antelope



Moose

How odd: Which horned animal sheds the outer part of its horn during winter? \_\_\_\_\_

# Pennsylvania's Snakes



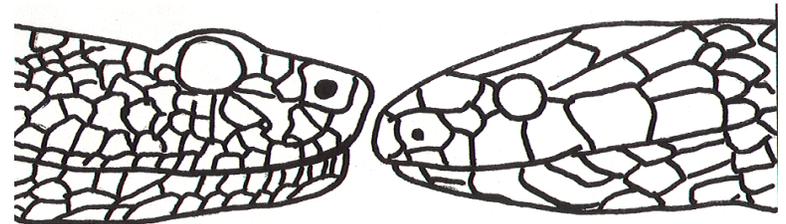
Which snake on display is not found in the wild in Pennsylvania? \_\_\_\_\_

Do snakes have a backbone? \_\_\_\_\_

A snake uses his tongue to \_\_\_\_\_ &

In Pennsylvania, you can use the shape of the snake's pupil to determine if it is venomous or not.

Draw the pupil of each snake's eye.



Venomous

Non-venomous

# York County Rocks & Soil



What colors are the Gettysburg Porcelanite (49)?

\_\_\_\_\_, \_\_\_\_\_

Conglomerates are sedimentary rocks made up of many smaller rocks, such as the High Terrace Gravel (54). Can you find two more conglomerates on the rock wall?

\_\_\_\_\_, \_\_\_\_\_

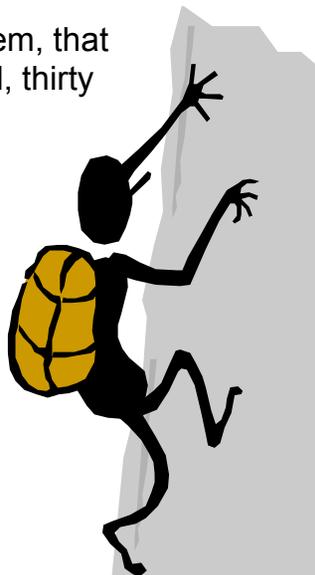
It takes \_\_\_\_\_ years for one inch of soil to form!

Soil layers are called \_\_\_\_\_.

The loosening and movement of soil by wind and water is called \_\_\_\_\_.

List three animals, and how many of them, that might be found in a square meter of soil, thirty centimeters deep.

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



# TREE COOKIES

How old is the oldest tree on display? \_\_\_\_\_

On the white oak see what happened in 1839? \_\_\_\_\_

\_\_\_\_\_

Look at the poster what happened in 1930 and how is it shown? \_\_\_\_\_

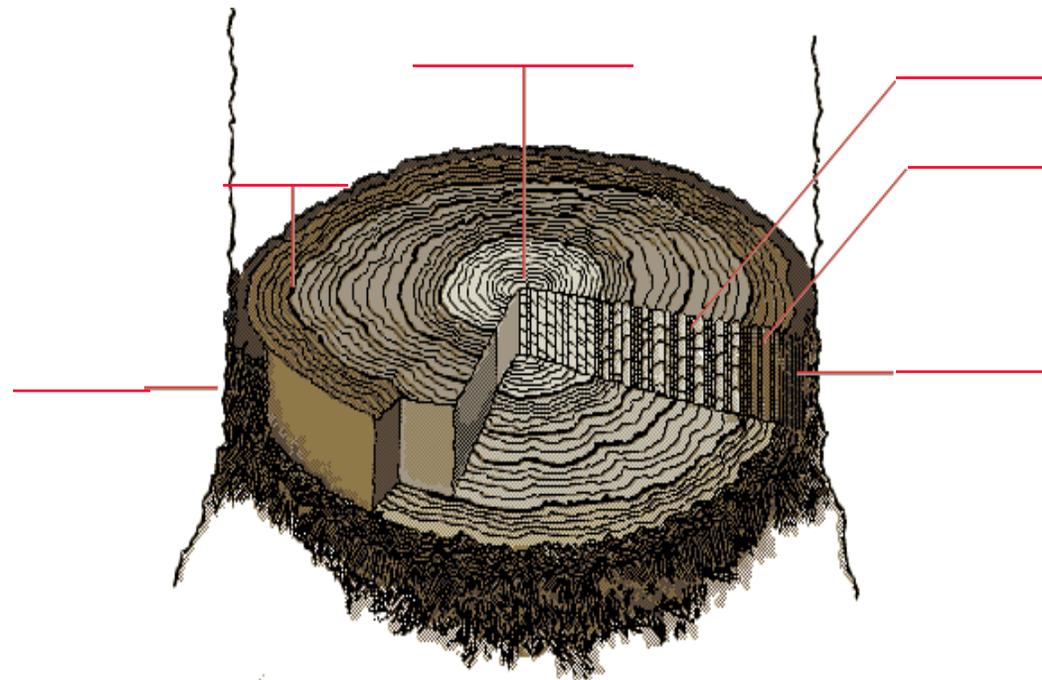
\_\_\_\_\_

What 3 factors influence the size of the tree? W \_\_\_\_\_

N \_\_\_\_\_ C \_\_\_\_\_

Please Label your favorite part of the tree and tell us why:

\_\_\_\_\_



Birds of Feather.....  
Flock Together.



Match the type of bird with its flock name.

Bird

Quails

Owls

Crows

Eagles

Vultures

Finches

Larks

Flock

Covey

Exhaltation

Wake

Convocation

Murder

Charm

Parliament

Pennsylvania's state bird is the Ruffed Grouse.  
In the spring the male attracts females to his territory by raising his ruffs and crest, fanning his tail, and beating his wings to make a hollow, rapid, drumming noise.



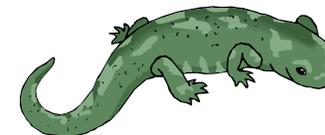
# Amphibians: what, where, and why?

List 2 reasons why amphibians are important.

\_\_\_\_\_

List 4 habitats where amphibians live.

\_\_\_\_\_



\_\_\_\_\_

Write the name of the only continent where amphibians do not live.



\_\_\_\_\_



# Phenology!

This display is in the bee room.



Phenology is a branch of \_\_\_\_\_  
dealing with the relations between \_\_\_\_\_  
and periodic biologic phenomena.

**HUH???** THIS IS JUST ALL THE STUFF THAT GOES  
ON IN THE DIFFERENT SEASONS!!!

Circle the current season.  
List or draw one activity you do in each season.  
Spring Summer Fall Winter

Name one natural thing that happens this  
month, according to the display:



## State Symbols

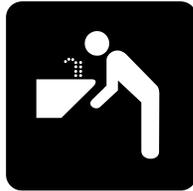


Most Pennsylvanian's know that our state  
mammal is the white-tail deer. But can you  
find the rest of our state symbols that are  
located throughout the Nature Center? Write  
the common name next to the symbol.

- Bird? \_\_\_\_\_
- Flower? \_\_\_\_\_
- Tree? \_\_\_\_\_
- Fish? \_\_\_\_\_
- Fossil? \_\_\_\_\_
- Insect? \_\_\_\_\_

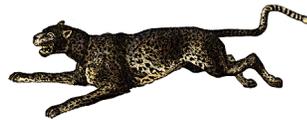
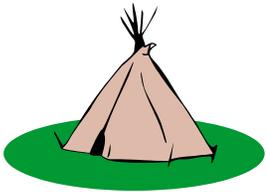
# Landscaping for Wildlife

Label the four items necessary for wildlife in its habitat. Use the pictures as clues.



\_\_\_\_\_

\_\_\_\_\_



\_\_\_\_\_

\_\_\_\_\_

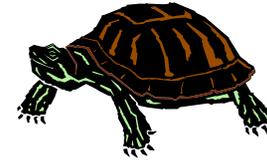
Habitat loss is the number one reason for wildlife decline.

Pick your favorite Pennsylvania animal. Name it, and list its habitat needs: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

# Pennsylvania Turtles



How many turtles live in Pennsylvania? \_\_\_\_\_

**Circle the correct answers**

Turtles lay or bask in the sun to \_\_\_\_\_.

Warm-up Find food

Have fun Help eggs develop

**True and False Questions: Circle T for true or F for False.**

T F A turtles backbone is part of its shell.

T F Turtles can crawl out of their shell.

T F Turtles make good pets.

**Look at the Pennsylvania turtle information cards.** Which turtle is your favorite and why?

# Archaeology: Digging into the past



Describe the climate and environment in the earliest era depicted in the archaeology display.

\_\_\_\_\_

\_\_\_\_\_

What time period was the Woodland Era?

\_\_\_\_\_ BC to \_\_\_\_\_ AD

What did the Shenk's Ferry people call themselves?

\_\_\_\_\_

What tribes were here during the Contact Period?

\_\_\_\_\_, \_\_\_\_\_

\_\_\_\_\_, \_\_\_\_\_

Archaeologists unravel the secrets of the past by looking at clues left behind by ancient peoples. This collection of artifacts was collected locally by a young boy many years ago. He carefully labeled each item and did not mix up his collection, making it much more valuable to archaeologists.

# Exotic, Threatened, Endangered, Extinct, & Recovered

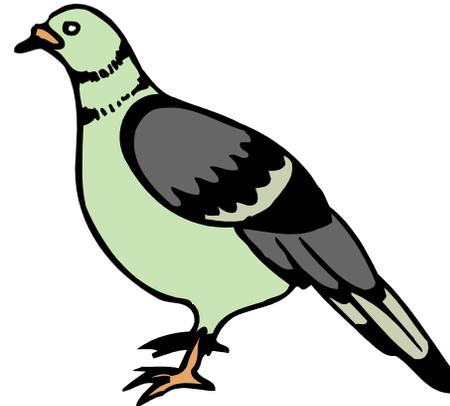
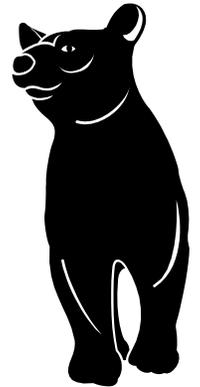
What 3 factors contributed to the otter's decline?

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_



What can you do in your backyard to help wildlife?

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_



When did the last passenger pigeon die?

\_\_\_\_\_

Should piranha live in Lake Redman? \_\_\_\_\_





# Sensory Meadow Garden Deck

Step outside onto our deck overlooking the garden to answer these questions.



Close your eyes and use your sense of hearing and just listen. Then write down any sounds you heard.

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Draw a picture of what you see.



# Northwest Territories

The best way to stay alive is to avoid danger all together. Several animals displayed here have “early warning” systems. List three animals and their special survival skill .

<u>Animal</u>	<u>Body Part</u>	<u>Benefit</u>
Squirrel	large eyes	see well



Hooves are designed for animals that run. Caribou have splayed hooves which provide sure footing on ice, snow, and spongy bogs. Can you find three other animals in the display that have hooves?

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# Arctic Adventure

The diorama depicts springtime, which may last only \_\_\_\_\_ Weeks, and temperatures remain about \_\_\_\_\_°F. List two ways you can tell it is spring.

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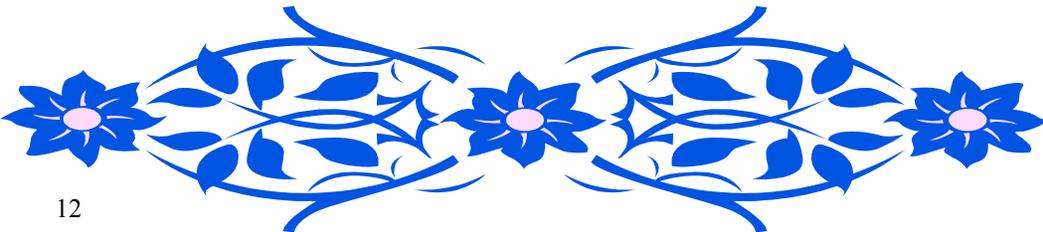
Name two predatory birds shown here

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Do the male or female walrus have tusks? \_\_\_\_\_

Name one country with Arctic habitat. \_\_\_\_\_

The polar bears white fur provides camouflage as he hunts seals on the pack ice, but when the snow melts his white fur stands out! Name an arctic animal whose fur or feathers change color with the seasons: \_\_\_\_\_



# African Safari

Match the African animal to the camouflage pattern it uses to survive.

Leopard

Solid dark spots to hide in brush and low grasses

Zebra

Black stripe on side to break up animal's shape out in the open

Cheetah

Black and white stripes, so animals moving together will confuse a predator

Steinbok

Dark spots with light centers for night hunting

## Challenge Question:

What adult animal in the diorama has no natural predators— except humans— in Africa?

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