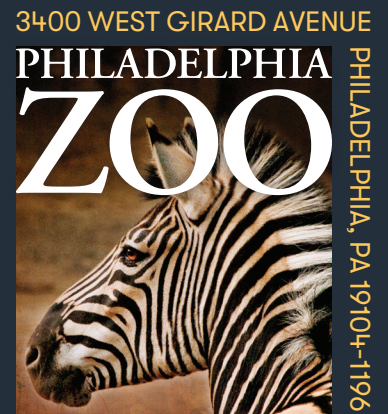


Welcome Zooperheroes!

Complete the missions below to become a certified Philly Zoo Animal Hero!



Welcome to the Philly Zoo Adventure Guide that takes you on a journey to explore all the sights, sounds, and even the smells throughout the Zoo! This activity guide is designed to follow a counterclockwise path around the Zoo. Be sure to check out the adventure video series throughout this guide to experience animals off exhibit and access inside stories from our Zoo experts.

**Every great group of adventurers need a team name.
Share your team name and email below.**

Team name: _____

Adventure Guide participants (check all that apply)

- Child(ren)/Guardian
- Grandparent
- Friend(s)
- Adult only
- Other (please specify)

Email address (we will send the answer key/certificate of completion):

Although many of these questions have multiple correct answers, attached is some additional information about our animals.

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Upon entering the Zoo, look up to see the awesome and innovative Zoo360® trails!

These trails allow our animals to explore the Zoo beyond their usual exhibit habitats. With Philadelphia Zoo rested between a river on one side and train tracks on the other, the Zoo can't expand out, and so we expanded up! The Zoo360 trails are mesh tunnels made of a very special metal called galvanized stainless steel. This metal is super strong and flexible, so they bounce just like tree boughs and are safe for the animals and guests. As you move around the Zoo, make sure to look up, because we also have trails at Big Cat Falls, PECO Primate Reserve, Small Mammal House, and KidZooU!



If you had the opportunity to, why would you choose to spend time in the trails? Check all that apply.

- To exercise
- To look (forage) for food
- To go to the bathroom
- To explore
- To play and climb

While you're outside the Rare Animal Conservation Center, find out what the naked mole rats are up to inside.

While you move through the Zoo, just like the animals, use your five senses to explore and understand your surroundings. Take a moment to use your senses, and check off some of the things you are experiencing now.

- The smell of the flowers
- The feeling of the warm sun
- The sound of leaves rustling
- The feeling of the wind blowing
- Other (please specify)
- The sound of an animal calling
- The sound of water splashing
- The smell of animal hay
- The sound of an insect buzzing

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If you continue down the main path, you will see our Royal Palm turkeys, goats, alpaca, and giant tortoises. You will also pass by our beloved KidZooU! Learn a little more about the rats that call this place home.

**Find one bird, one mammal, and one reptile.
Observe them for a moment and name one thing
that makes each of them special!**

Bird _____

Mammal _____

Reptile _____

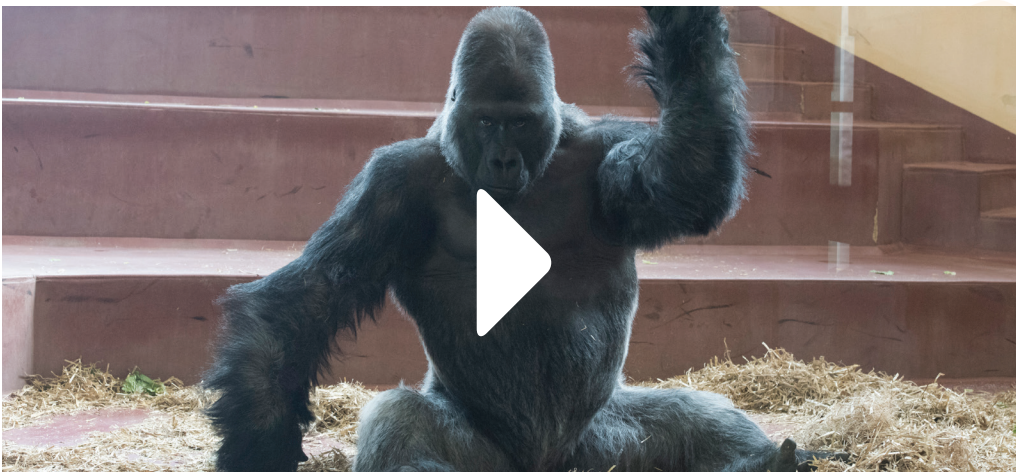


If you head straight and look to your left, you'll see our apes in their outdoor exhibit.

**Our apes are great recyclers and like to make toys out of everything!
Take a look at the items in their yard. Thinking about how you use your
toys, how do you think the apes use their toys? Check all that apply.**

- Making a fort or shelter
- Wearing it on their body
- Destroying it
- Climbing on it
- Collecting food

Our apes and other primates get to explore in their outdoor habitats and Zoo360 trails often. Check out this video to see what they are up to when hanging and relaxing inside.



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Don't forget to head into Big Cat Falls! Here you might see lions, leopards, jaguars, pumas, and tigers.



We know that these big cats are carnivores and they eat meat. How much do you think the features below help these animals hunt?

	Not really important	A little important	important	Really important	Super duper important
Fur colors and patterns	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Long claws and big feet	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Eyes in the front of their face	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Whiskers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Pointy teeth	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

How do you think our animals keep cool or stay warm at the Zoo as the seasons change throughout the year? Check all that apply.

- Play in the water
- Change their body covering
- Take more time to rest
- Eat a popsicle (or fishsicle!)
- Hang out under shelter

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On your visit, check out Bird Lake Plaza.

The Zoo is a beautiful garden where native animals like to hangout too! Our hundreds of native plants provide critical habitat for these local wildlife. You can also plant native plants at home and see what wild friends may show up in your neighborhood!

Check off some local animals that you've seen during your visit:



Mallard duck



European starling



Butterfly



Sparrow



Canada goose



Butterfly



Pigeon

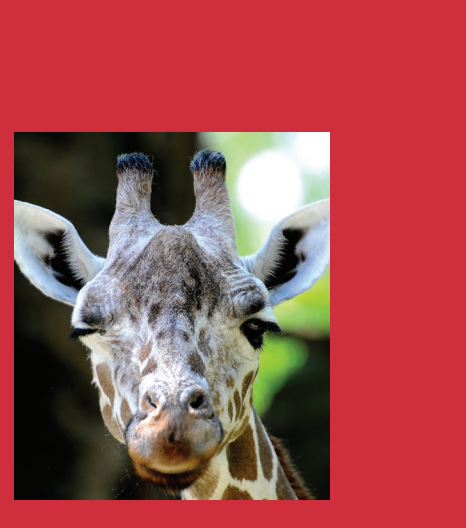


Gray squirrel



Ant

Other (please specify) _____



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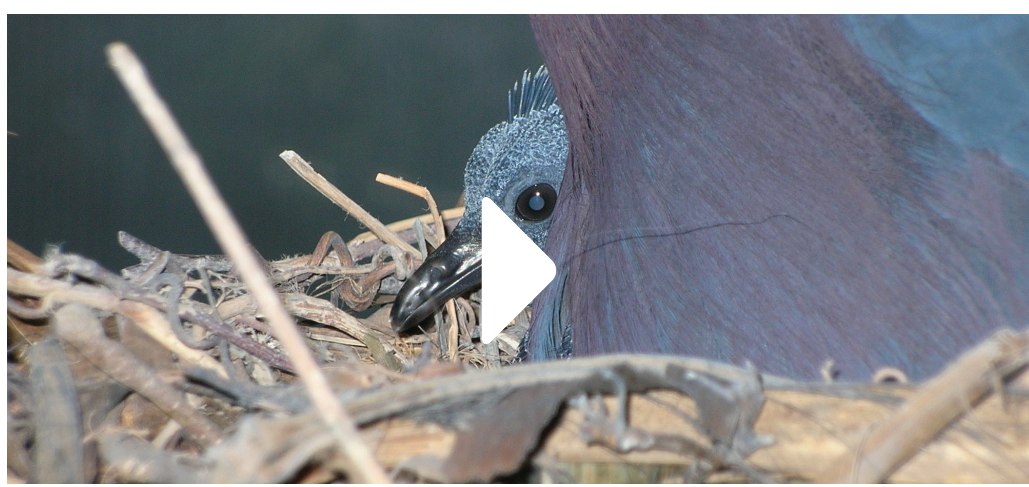


Did you happen to see one of our free-ranging peafowl out and about?

Compare the male (boy) and female (girl) peafowl. How do the feathers on the males help them? Rank the options below, from what you think is most important to least important.

- Attracting a mate ▶▶
- Camouflaging ▶▶
- Scaring a predator ▶▶
- Guarding their territory ▶▶
- Finding friends ▶▶

The Zoo's McNeil Avian Center is home to birds from all over the world. Check out this video of the Victoria crowned pigeons that live inside!



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Before moving on to African Plains, take a virtual peek at what our red pandas have been up to.



All of the animals along African Plains are prey animals, designed to thrive and survive. Out of the animals you've seen here, who do you think has the following?

	Hippos	Giraffes	Rhinos	Zebras
Biggest ears	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Biggest eyes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Biggest nose	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Biggest teeth	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Longest tail	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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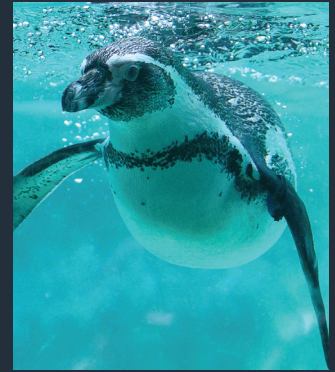
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Once you visit the rhino and zebra, you can turn around and cross the path to visit Bear Country and Penguin Point.

Every animal is special but we all need food, water, and shelter to live! What are some things that the bears have in their yard that help them live?

- Food _____
- Water _____
- Shelter _____



Penguins are birds but they don't fly! What features on their bodies could help them move through the water? Check all that apply.

- Flippers
- Body shape
- Webbed-feet
- Special feathers
- Tail

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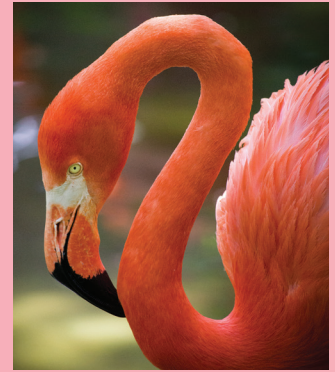
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Upon leaving Penguin Point and Bear Country, head around the corner to see our flamingos!

Flamingos are social and find safety in numbers. Take a photo of your flock in front of our flock



Upload
photo
here

You are almost done with your Zoo adventure! Hop up the hill to our last exhibit on this guide.

At Outback Outpost, these animals move in really special ways!

How does an emu move?

- Fly
- Hop
- Run

How does a kangaroo move?

- Fly
- Hop
- Run

What is your favorite way to move around?

- Fly
- Hop
- Run

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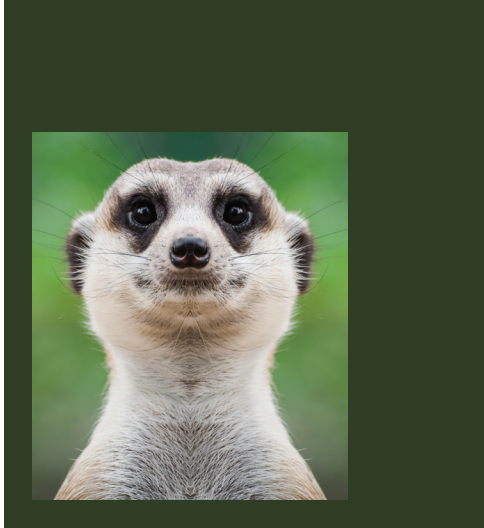
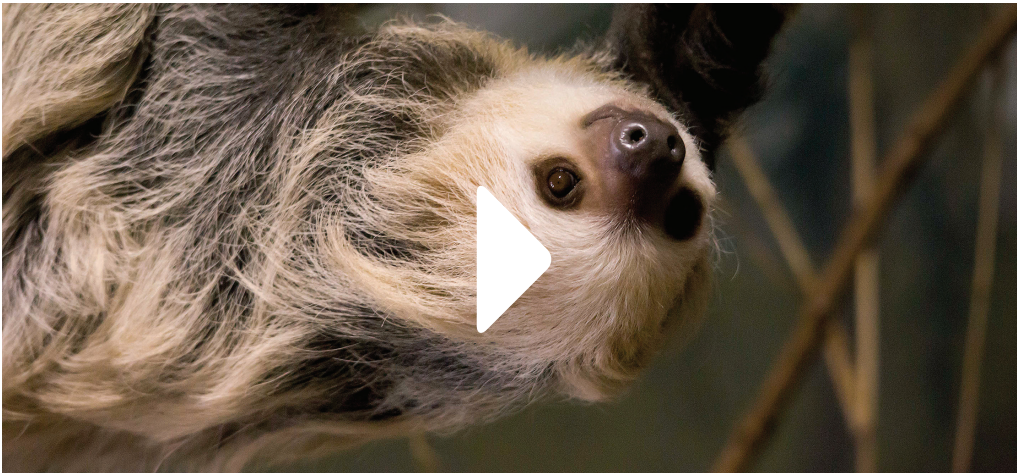
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Before your Zoo journey ends, slow it down for a minute to see what our sloths have been doing while hanging inside Small Mammal House.



We have these animals at the Zoo to protect and conserve them. They are here for a variety of reasons. What do you think is the biggest threat to these animals? Rank the options below from biggest threat to smallest threat.

Habitat loss

Pollution	▶▶	<input type="checkbox"/>
Invasive Species	▶▶	<input type="checkbox"/>
Climate change	▶▶	<input type="checkbox"/>
Pet trade	▶▶	<input type="checkbox"/>
	▶▶	<input type="checkbox"/>

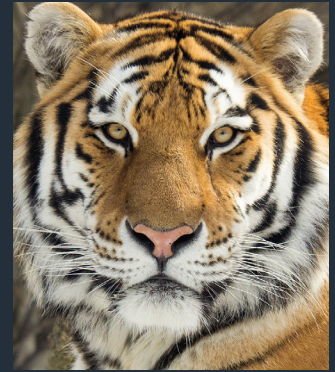
Thank you for your visit today. Your visit helps these animals by contributing money to their care and conservation! Share some words of encouragement for animals in the wild:

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**We hope you enjoyed your adventure
around the Zoo!**

**If you are interested in learning more by completing
activities or by connecting with our zoo experts please
visit our website at philadelphiazoo.org/learn**

Pennsylvania Science Standards

Characteristics of Life: 3.1.PK.A1, 3.1.K.A1, 3.1.1.A1, 3.1.3.A1, 3.1.4.A1

Energy Flow: 3.1.PK.A2, 3.1.1.A2, 3.1.3.A, 3.1.4.A2

Form and Function: 3.1.PK.A5, 3.1.K.A5, 3.1.4.A5

Natural Selection: 3.1.3.C1, 3.1.4.C1

Adaptation: 3.1.K.C2, 3.1.2.C2, 3.1.3.C2, 3.1.4.C2

The Environment: 4.1.3.A, 4.1.4.A

Biodiversity: 4.1.3.A, 4.5.4.D

Succession: 4.1.3.E, 4.1.4.E

Sustainability: 4.5.3.A, 4.5.4.A

NGSS

Interdependent Relationships: K-LS1-1, K-ESS2-2, K-ESS3-1, K-ESS3-3, 2-LS4-1, 3-LS2-1, 3-LS4-3, 3-LS4-4

Structure, Function, and Information Processing: 1-LS1-1, 1-LS1-2, 4-LS1-1, 4-LS1-2

Life Cycles and Traits: 3-LS3-2, 3-LS4-2

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