

# Activity 1

# Why Are They Endangered?

**Part A.** What would you do if you could create and run the zoo of your dreams? That's exactly what happens in the world of *Zoo Tycoon*®. The newest addition to this award-winning computer game series is all about endangered species.

Zoos work hard to protect and save endangered species. As the creator of your own zoo, you have a chance to do the same. But first you need to learn about the animals you want to help and also discover what is causing them to be endangered.

Why do animals become endangered?

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_

**Part B.** Choose one of the following endangered animals—**koala**, **komodo dragon**, **wolverine**, **American bison**, or **orangutan**—to include in your zoo, or pick any from the list you find in the Zoopedia at [www.zootycoon2.com/endangeredspecies](http://www.zootycoon2.com/endangeredspecies)



Koala



Komodo Dragon



Wolverine



American bison



Orangutan

Which animal did you choose? \_\_\_\_\_

Now use the Zoopedia to answer the following questions:

Where in the world does your animal live? \_\_\_\_\_

**Why is your animal endangered? (Problem)**

**What can be done to prevent it? (Solution)**

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

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

Now list five cool facts you learned about your animal:

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_



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Go wild with the FREE trial version of *Zoo Tycoon*® 2: *Endangered Species* PC game at [www.zootycoon2.com/endangeredspecies](http://www.zootycoon2.com/endangeredspecies)

# Activity 2

# Biome Basics

Every animal needs food and shelter. The environment in which they live should provide them with these needs. This environment is called a "biome." One of the fun challenges in *Zoo Tycoon*® 2 and the Endangered Species expansion pack is to make sure you have a natural environment for each of your animals in your zoo.



Florida Panther



Gray Wolf



Galapagos Giant Tortoise



Javan Rhinoceros



Fennec Fox

**Part A.** Here is a list of biomes found around the world:

**Biomes:** Grassland, Savannah, Tropical Rainforest, Boreal Forest, Tundra, Alpine, Scrub/Chaparral, Desert, Temperate Forest, Wetland

Choose one of these endangered animals—**Florida panther, gray wolf, Galapagos giant tortoise, Javan rhinoceros, fennec fox**—or pick any from the list you find in the Zoopedia at [www.zootycoon2.com/endangeredspecies](http://www.zootycoon2.com/endangeredspecies)

Now use the Zoopedia to find out in which biome the animal you chose lived.

Animal name \_\_\_\_\_

Biome \_\_\_\_\_

Write a short description of that biome. Is it always hot or always cold? Does it rain a lot there or is it very dry? On which continents can you find your biome?

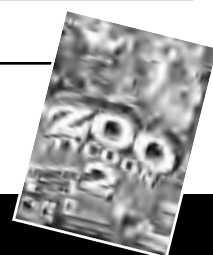
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Part B.** Now, imagine you are that animal and write five facts about why you like living in that biome. Think about how the way you look, the food you eat and even where you sleep are affected by your biome.

1. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
2. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
3. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
4. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
5. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



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Dolphins in the desert? Camels in the ocean? Or the other way around? You're in charge with the FREE trial version of *Zoo Tycoon*® 2: *Endangered Species* PC game [www.zootycoon2.com/endangeredspecies](http://www.zootycoon2.com/endangeredspecies)

# Activity 3

# Money Matters

It takes more than just animals to create a successful zoo in real life or in the world of *Zoo Tycoon*®. The animals have to be fed and placed in environments that keep them healthy and happy. You also need to keep zoo visitors happy. And all of this costs money.

Pretend you are building a zoo. You have \$40,000 to save as many endangered animals as possible. Below is a list of items for purchase in the *Zoo Tycoon*® 2: *Endangered Species* expansion pack. Choose what you want from the list below. Make sure your total cost doesn't go over \$40,000. Use the Zoopedia at [www.zootycoon2.com/endangeredspecies](http://www.zootycoon2.com/endangeredspecies) to help you make good choices.



CATEGORY	HOW MANY?	COST FOR EACH	TOTAL COST
<b>Animals</b>			
Caribou	_____	\$1,250	_____
Galapagos Giant Tortoise	_____	\$3,000	_____
Koala	_____	\$7,500	_____
Komodo Dragon	_____	\$5,500	_____
Orangutan	_____	\$35,000	_____
<b>Animal Needs</b>			
Animal food	_____	\$150 per animal	_____
Maple tree	_____	\$60	_____
Tire swing	_____	\$800	_____
Small burrow	_____	\$700	_____
Large burrow	_____	\$1,600	_____
<b>Visitor Needs</b>			
Face-painting building	_____	\$1,000	_____
Hot dog stand	_____	\$300	_____
Small restroom	_____	\$100	_____
Trash can	_____	\$100	_____
Bench	_____	\$125	_____
<b>Zoo Staff</b>			
Zookeeper	_____	\$500	_____
Maintenance worker	_____	\$200	_____

**YOUR TOTAL COST =** \_\_\_\_\_

Did you stay within your \$40,000 budget? Yes \_\_\_\_\_ No \_\_\_\_\_



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\$125 for berries, \$3,000 for a sky tower, or \$10,000 for a wolverine? You're in charge with the FREE trial version of *Zoo Tycoon*® 2: *Endangered Species* PC game at [www.zootycoon2.com/endangeredspecies](http://www.zootycoon2.com/endangeredspecies)


**Activity 4**

# Fact or Fiction?

What's your endangered species IQ? First, write your answers. Then ask your parents their answers. When you're done, you and your parents can use the amazing Zoopedia at [www.zootycoon2.com/endangeredspecies](http://www.zootycoon2.com/endangeredspecies) to see who's right.

## Take the Endangered Animals Quiz

- The survival of African wild dogs is threatened by contact with domestic dogs because they have introduced distemper and rabies. True or False?  
Your answer: \_\_\_\_\_ Your parents' answer \_\_\_\_\_ Zoopedia answer \_\_\_\_\_
- From 1830 to 1889, hunting of American bison for sport and for hides reduced their number from 60 million to less than 1,000. True or False?  
Your answer: \_\_\_\_\_ Your parents' answer \_\_\_\_\_ Zoopedia answer \_\_\_\_\_
- Caribou live in the desert. True or False?  
Your answer: \_\_\_\_\_ Your parents' answer \_\_\_\_\_ Zoopedia answer \_\_\_\_\_
- The Florida panther is also known as a cougar or a mountain lion. True or False?  
Your answer: \_\_\_\_\_ Your parents' answer \_\_\_\_\_ Zoopedia answer \_\_\_\_\_
- Only 1,000 giant sable antelope survive in the world—all of them living in central Angola at the Luando Reserve and Kangandala National Park. True or False?  
Your answer: \_\_\_\_\_ Your parents' answer \_\_\_\_\_ Zoopedia answer \_\_\_\_\_
- Gray wolves hunt alone. True or False?  
Your answer: \_\_\_\_\_ Your parents' answer \_\_\_\_\_ Zoopedia answer \_\_\_\_\_
- The markhor is the smallest wild goat in the world. True or False?  
Your answer: \_\_\_\_\_ Your parents' answer \_\_\_\_\_ Zoopedia answer \_\_\_\_\_
- The Przewalski's wild horse is considered extinct in the wild. This horse was last sighted in the wild in the late 1960s. True or False?  
Your answer: \_\_\_\_\_ Your parents' answer \_\_\_\_\_ Zoopedia answer \_\_\_\_\_
- The scimitar horned oryx has been hunted to the verge of extinction for its beautiful horns. It is considered extinct in the wild. True or False?  
Your answer: \_\_\_\_\_ Your parents' answer \_\_\_\_\_ Zoopedia answer \_\_\_\_\_
- The Spanish lynx is the most endangered cat species in the world, with only about 1,000 remaining in the wild.  
Your answer: \_\_\_\_\_ Your parents' answer \_\_\_\_\_ Zoopedia answer \_\_\_\_\_

How many did you get right? \_\_\_\_\_ How many did your parents get right? \_\_\_\_\_

Bring the answers into class and compare them.

**Dear Parent:** Your child has been participating in an exciting learning adventure using Microsoft®'s *Zoo Tycoon*® computer game—winner of the prestigious Bologna New Media Prize for its fusion of education and entertainment—to study endangered species, biomes and how to run a zoo. Core games in the series are *Zoo Tycoon*® and *Zoo Tycoon*® 2. Expansion packs such as *Zoo Tycoon*® 2: *Endangered Species*, *Zoo Tycoon*®: *Dinosaur Digs* and *Zoo Tycoon*®: *Marine Mania*™ can be used with the core games to add even more fun and learning. These exciting, educational games are available at stores everywhere. Go to [www.zootycoon2.com/endangeredspecies](http://www.zootycoon2.com/endangeredspecies) for a FREE trial version.