



BROWNIE GIRL SCOUT

PLANNING YOUR ZOO TRIP

SENSES | HOUSEHOLD ELF

VISITING THE COLUMBUS ZOO AND AQUARIUM

offers a fun and unique way for your Girl Scouts to complete their badge requirements. Before jumping into the materials on the next few pages, check out the information below to help make your visit as smooth as possible.

Please review the self-guided activities before arriving.

The self-guided materials will not address all of the requirements for the *Senses Badge* and *Household Elf Badge*. Some requirements will need to be completed at home. Check the requirements page for more details.

ADMISSION:

Be sure to visit columbuszoo.org for individual and group admission rates, as well as parking rates.

LUNCH AREAS:

- Congo River Market is open year-round. Other food stands are subject to seasonal availability.
- Brownie Girl Scouts are welcome to bring lunches into the Zoo with them, but no hard-sided or wheeled coolers are permitted on grounds.
- A Picnic Pavilion is available between the parking lot and Admissions gate. You are welcome to leave coolers in your car or the Picnic Pavilion and utilize the Picnic Pavilion for lunch. Please remember to get a hand stamp from Guest Relations before exiting the Zoo if you plan on re-entering the Zoo after eating.

ZOO PATCHES:

After completing your visit to the Zoo, stop by the Junior ZooKeeper Gift Shop and buy a Zoo patch for \$2. Ask at the counter to purchase a patch.

WHAT YOU SHOULD BRING WITH YOU:

- Copies of the Self-Guided Activities for each Brownie Girl Scout
- Clipboard or something to write on for each Brownie Girl Scout
- Pen or pencil for each Brownie Girl Scout
- Magnifying glass for each for each Brownie Girl Scout



BROWNIE GIRL SCOUT

SENSES | HOUSEHOLD ELF BADGE

SENSES BADGE STEP #1: Look around. Hold a scavenger hunt in your neighborhood or at a park. Find at least ten tiny things, like a clover or anthill. Bring a magnifying glass and talk about how it helps your sense of sight.

SENSES BADGE STEP #2: Listen to the world. Listen for ten different sounds. Draw pictures of what might be making those sounds. Close your eyes and tell a friend or adult what you've heard.

HOUSEHOLD ELF BADGE STEP #3: Explore the Polar Region. Look out for how the Zoo is making impacts and find ways that you can help the planet at home!

HOUSEHOLD ELF BADGE STEP #4: Before you finish, visit the orangutans in the Australia area, pick two animals you like, think of ways to protect them, and share your ideas with a friend to help make a difference!

EXTENSION: Apply what you have learned! Challenge yourself to apply at least one challenge task at home so that you can do your part to help the environment!





SENSES BADGE

WELCOME TO THE COLUMBUS ZOO AND AQUARIUM!

Today your journey will take you around the North America and Australia regions. It takes approximately ten minutes to walk from North America to Australia. We recommend you start your journey in North America.



VOCABULARY:
Magnification - Making something look larger than it actually is.
Magnifying Glass - A convex lens that enlarges the image of an object.



SENSES BADGE STEP #1:

Let's start today's adventure by going on a scavenger hunt through North America! Keep your eyes open and look for ten different small things. (*Hint: your small things can be small animals, insects, leaves, seeds, etc.*) Use your magnifying glass if you brought one. Be sure to stay on the Zoo's paths and do not touch or move the small things that you find.

List the ten different small things that you found on the next page. Ask your parent or Girl Scout Leader for help identifying anything that you don't recognize.



SENSES BADGE: LOOK



STEP #1: Ten SMALL THINGS

1.	6.
2.	7.
3.	8.
4.	9.
5.	10.

Select one of the items you found and draw how it looks without your magnifying glass in the left box below. In the right box draw a sketch of the same item after using a magnifying glass.



Without magnifying glass:

With magnifying glass:

Describe how the magnifying glass changes the appearance of the item that you sketched above:



SENSES BADGE: LISTEN

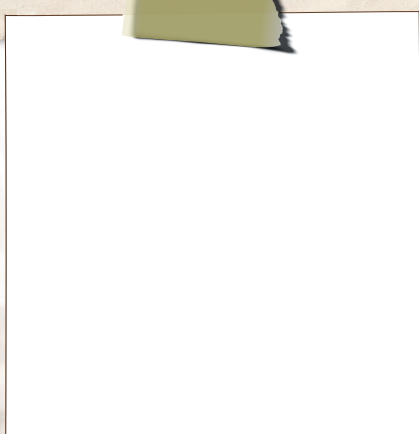
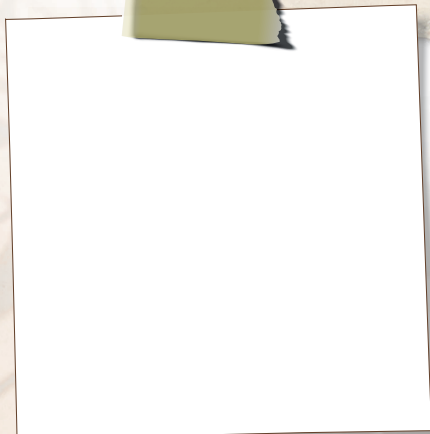
LISTEN TO THE WORLD

Find a spot along the path in the North America region to stop and listen to the sounds of the world around you. Make sure to pick a safe spot where you won't be in anyone's way. Close your eyes and listen. What did you hear? Was there anything that you had never noticed before? Was there anything that surprised you? Share your findings with a friend, parent or Girl Scout Leader. List ten different sounds that you heard in the table below. Ask your parent or Girl Scout Leader for help identifying anything that you heard but don't recognize.

STEP #2: TEN DIFFERENT SOUNDS

1.	6.
2.	7.
3.	8.
4.	9.
5.	10.

Draw sketches of three things that might be making the sounds that you heard today in the boxes below. Be sure to label each item with its name if you are able to identify it.





HOUSEHOLD ELF: CARE AT HOME

STEP #3:

Embark on an adventure of knowledge at Pete's Living Room and the Polar Bear exhibit. Dig into facts about energy and water conservation, along with environmental protection. Spot the "We Care" symbols - they're a badge of the zoo's commitment to the environment and an invitation for you to join the movement. Dive into problem identification and solution brainstorming for impactful change. Use your new knowledge to complete the boxes below.



CHALLENGE #1: Find a way to save water

How does this help Arctic animals? _____

How can you take action? _____

CHALLENGE #2: Find a way to save reduce your energy usage

How does this help Arctic animals? _____

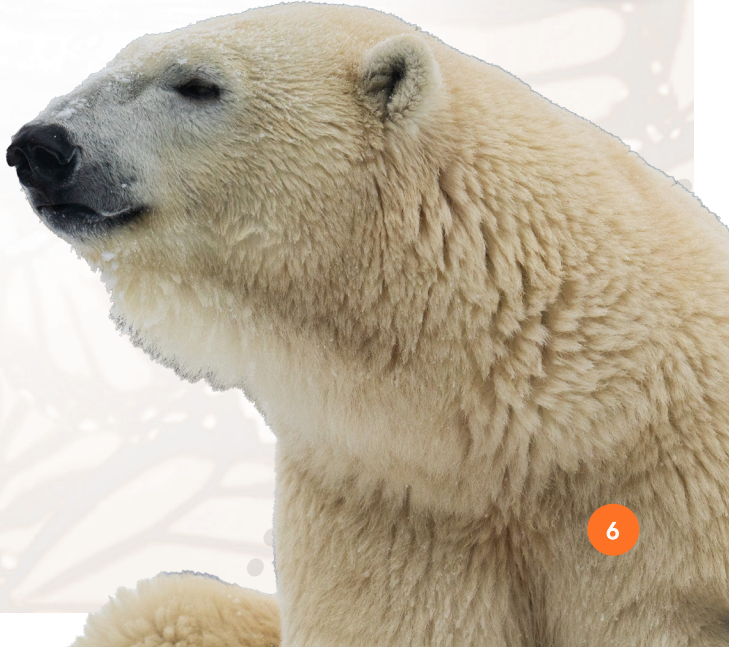
How can you take action? _____



CHALLENGE #3: Find a way to reduce you CO2 emissions

How does this help Arctic animals? _____

How can you take action? _____





HOUSEHOLD ELF: FOR THE ENVIRONMENT

STEP #4: TAKE A FIELD TRIP TO AUSTRALIA

Your journey is nearing its end, but one more adventure awaits you: the orangutans in the Australia sector of our Zoo. This corner of our world is a safe haven for many creatures whose natural habitats are under threat. Now, it's your turn to make a difference. Choose two species that have sparked your interest. Then, think of a way either our zoo is safeguarding these animals, or how you yourself could contribute to the protection of their habitats.

Jot down your thoughts below, and make sure to note which animal or habitat would benefit from your idea. Once you've done that, why not share your idea with a friend? Together, we can make a world of difference!

IDEA #1

IDEA #2

EXTENSION: Finish your badge at home!

How about stepping up your recycling game? Consider this: spend a week recording the weight of your waste and then challenge yourself to decrease it the following week through smart recycling and reusing. Don't forget about those plastic bags and other materials—they can be recycled too! Got toys and clothes to discard? Donate them responsibly. Now it's decision time: which of these eco-friendly challenges will you take on at home?