

Pole-to-Pole Scavenger Hunt

Grades 1 - 2



Saint Louis Zoo
Animals Always®

Pole-to-Pole Scavenger Hunt



Teacher Copy

Created July 2021

Duration: 50 minutes

Audience: 1st-2nd Grade (ages 6-8)

Locations of Focus: Penguin & Puffin Coast, Polar Bear Point

Missouri Learning Standards: 1.ETS1.B1, 2.ETS1.B1, 1.R.1A.b, 2.R.1A.b, 2.RF.3A.j, 1.L.1B.a

Teacher Suggestions: Prior to scavenger hunt, review Venn Diagrams and KWL Charts with students. For further preparation, discuss the definition of habitats and habitat types like arctic and antarctic areas.

Materials: Scavenger Hunt Packet, clipboard, and pencil.

Directions: When you come out of the Living World (North Entrance) turn left and go past the Grizzly Bears. You will find Penguin & Puffin Coast. Here you will see penguins outside, as well as penguins and puffins inside. When you exit the inside of Penguin & Puffin Coast, on your left will be Polar Bear Point.

Disclosure: Some animals may choose to be inside during different times of the day. Encourage students to focus on what they can see (whether it be animals, habitats, signs, etc...).

Scavenger Hunt:

Students will complete the questions by going through the different locations and animal habitats. **The correct answers will be in red for the teacher copy. Specific teacher resources will also be in red.**

You are going on a **scavenger hunt** at the Saint Louis Zoo! Here, you get to see animals from all over the world and learn how you can help them.

There are 10 activities to do as you find your way around our animal habitats! **A habitat is a natural place where something lives! A habitat needs to have food, water, shelter and space!** You'll find out more about habitats soon!

Here are the three types of animals you can learn about today:



Penguins



Puffins



Polar Bears

Before you start:

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What do you already **know** about these animals and their habitats? Fill out the **KNOW** section in your KWL Chart below. Now, what are you **wondering** about these animals and their habitats? Fill out the **WONDER** section in your KWL Chart below.

Know	Wonder	Learn
What do you already know about these animals and their habitats?	What do you want to know about these animals and their habitats?	What did you learn about these animals and their habitats?

Let's begin!

1. Do you see a **bear sign**? Put an "X" in the box if you see a sign. This means you are close to the place for our scavenger hunt!



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2. You are at **Penguin & Puffin Coast!** Outside are **Humboldt penguins**. Penguins are birds. What do birds lay their eggs in? Nests!

Humboldt penguins live in the desert. There are no sticks to use for a nest in the desert. These penguins use something else.

Humboldt penguins make their nests from “guano.” Look at the blue signs to fill in the blank:

Guano is **poop**_____.

3. Where in the world do these animals live? Press the buttons on the sign inside to help you.

Use the map for the directions below:



Saint Louis Zoo has a star. **Draw triangles** where our penguins live in the wild. **Draw circles** where our puffins live in the wild.

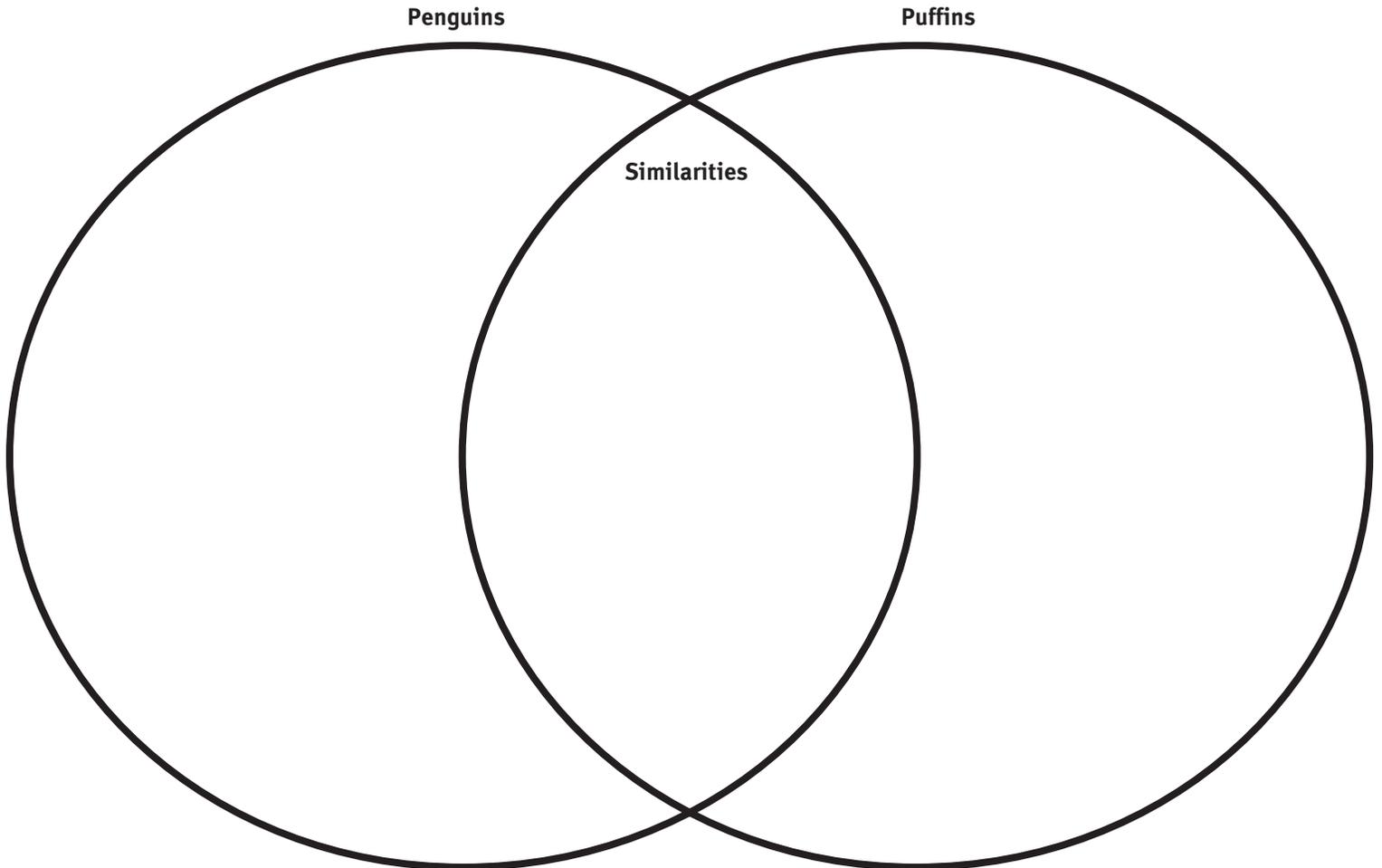
4. Do you smell that? You are smelling penguin and puffin food! What do you think they eat? **Fish**_____

Here's a hint: These birds live near water.

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5. Look at our penguins, puffins and their habitats. What is different about them? What is the same? Use the Venn diagram below to write your answers. **Answers will vary.**



6. Share your Venn diagram with a partner. Did you and your partner learn

anything new about penguins, puffins and their habitats? _____



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Let's wander over to Polar Bear Point!

7. Do you love to get surprises or new toys? Animals do, too! At the Saint Louis Zoo, we call it enrichment. (sound it out: en-rich-ment) Keepers use enrichment to help Kali, our polar bear, stay healthy and keep his brain busy. Do you see enrichment in the polar bear habitat?

Draw a picture of some enrichment you would make for Kali to use in his pool when he swims.

How does it help keep Kali's brain busy? **(drawings and answers will vary)** _____

8. How do you keep cool in the summer? Circle the ways you keep cool in the summer. **Underline** the ways Kali keeps cool in the summer. **Student responses will vary, in red are the correct answers for how Kali keeps cool.**



Swim



Eat ice cream



Lie down in ice cubes



Eat Popsicles*



**Be inside with
air conditioning**

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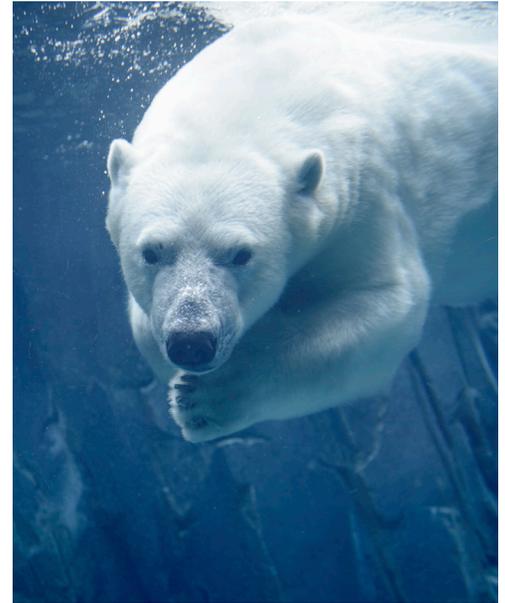


9. Can you help polar bears in the Arctic? Of course! You can help polar bears no matter where you live! Below are some ways you can help.

- Celebrate International Polar Bear Day! (February 27)
- Try using fabric bags, not plastic bags. #byetobags
- Ask your family about supporting the Saint Louis Zoo WildCare Institute.
- Recycle!
- Watch the Alaska Native people video (link below)
- Take the Trash-Free-Lunch Challenge! (explained below)

Answers will vary

How are YOU going to help polar bears? _____



10. At school or at home, **watch this video** by the **Alaska Native people**. Watch the video at: stlzoo.org/alaska

Alaska Native people sustainably harvest polar bears

How are the Alaska Native people and polar bears connected? _____

to survive. Alaska Native people and their culture are closely connected to polar bears. Polar bears live in

Alaska, but loss of sea ice due to climate change is creating challenges for both people and polar bears.

BONUS QUESTIONS:

What is one of the coolest things you learned today? **Answers will vary** _____

Are there any questions you still have? **Answers will vary** _____

** (Remember to fill in your L for what you learned in your KWL Chart in the back of your packet)**

Resources:

If you and your students enjoyed the "Pole to Pole Scavenger Hunt " try registering for our Pole to Pole virtual learning opportunities, such as Aquatic Adventure. Found here

stlzoo.org/education

stlzoo.org/penguinandpuffincoast

stlzoo.org/polarbear

***Key point:** Kali does not eat Popsicles like we do. Kali eats special Popsicles made for polar bears. He loves fish Popsicles!

Take the "Trash-Free-Lunch Challenge"

Using less trash helps keep our environment clean for us and animals. If you pack a lunch:

- Use a plastic container instead of a plastic bag.
- Don't use plastic straws for drinks. (Try getting reusable ones or paper straws.)
- Use metal utensils instead of plastic ones.
- Try using a cloth napkin.

