

Polar Bear Live Webcam Educational Activities

Introduction

The Alaska Zoo's edZOOcational staff welcomes you to watch and learn about the polar bear that lives at the zoo. Visit www.alaskazoo.org/polar-bear-camera to join the live broadcast of Cranbeary the polar bear's habitat. These activities are designed to spark curiosity in learners of all ages. Have fun watching Cranbeary interact in her habitat while learning about polar bear adaptations and animal care in a zoological setting. Remember if you don't see the polar bear to check back often: Cranbeary has access to other parts of her habitat that are out of the camera's view.



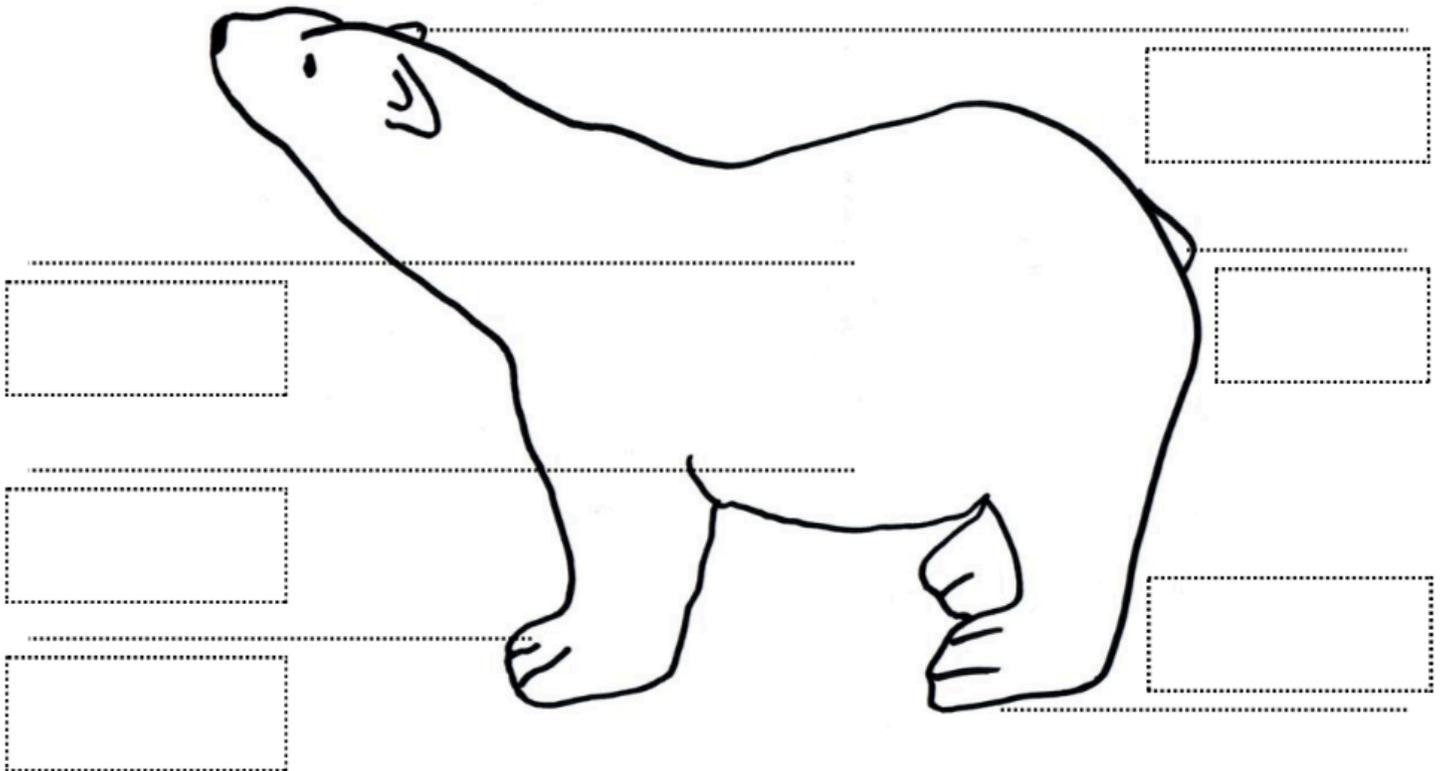
Photo by John Gomes

All About Polar Bears

Visit the Alaska Zoo's polar bear information page. There, learn what habitat, diet and adaptations are unique to the largest land carnivore.

<https://www.alaskazoo.org/polar-bear>

After studying a bit more about polar bears, see if you can use the word bank below to label polar bear adaptations. On the next page, use the worksheet to fill in all you learned about polar bears.



POLAR BEAR WORD BANK

webbed front feet, thick fur, short tail, lots of fat, short ears, bumpy foot pads

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Webcam “POLAR” Bear Bingo!

Check the box when you see one of the items, animals or behaviors on the polar bear webcam. Get 5 items in a horizontal, vertical or diagonal row to win “POLAR!”

P	O	L	A	R
<p>polar bear</p>	<p>Polar bear runs in habitat</p>	<p>Polar bear eating</p>	<p>Polar bear swimming</p>	<p>Polar bear interacting with a toy or enrichment</p>
<p>Enrichment toys in habitat</p>	<p>Polar bear does something to make you laugh</p>	<p>Polar bear walking around habitat</p>	<p>Polar bear sits down</p>	<p>Snowing</p>
<p>Polar bear rolling around</p>	<p>A bug flies by the webcam</p>	<p>FREE SPACE</p>	<p>Polar bear drinking water</p>	<p>bald eagle</p>
<p>Polar bear scratching an itch</p>	<p>Polar bear changes walking direction</p>	<p>Raining</p>	<p>No polar bear in sight!</p>	<p>A bird other than a raven flies by or visits habitat</p>
<p>Raven(s) in habitat</p>	<p>Animal bones</p>	<p>Polar bear emerges from cave</p>	<p>A sunbeam shines in the habitat</p>	<p>Polar bear poops!</p>

Name _____

“Polar Bears and Global Climate Change” Lecture Questions

1. The polar bear’s scientific name is _____, which means _____.

2. Name four of the five countries where polar bears live.

A. _____

B. _____

C. _____

D. _____



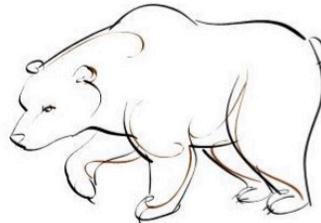
3. List four polar bear adaptations that allow these animals to survive in Arctic.

A. _____

B. _____

C. _____

D. _____



4. How does global climate change affect polar bears? _____

5. What are some ways you can help polar bears? _____

6. Describe something new you learned about polar bears today. _____



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What Makes a Habitat?

Cranbeary the polar bear lives in a habitat at the Alaska Zoo. Habitats are places where animals live and find **food, water, shelter and space** to survive. Cranbeary's habitat mirrors the rocky shoreline of the northwest coast of Alaska. Watch the polar bear webcam to see if you can find or identify any **living** and **non-living** things in her habitat. Classify the things you see into the living and non living chart below.

Living	Non-Living

HINT: Look for these things that might be in Cranbeary's habitat

Raven, tree, snow, butterfly, water, squirrel, rain, toy, sunbeam, carrots, bones

Think Further

Why does Cranbeary's habitat contain of these each living and non living thing? Which living and non-living things are found in the wild as well as the zoo?



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Enrichment for All

Animals at the zoo including the polar bear get enrichment items daily. Enrichment makes life at the zoo fun, new and different every day for the animals that live here. Enrichment comes in many forms from toys and treats to activities like training and solving puzzles.

1. Draw a picture of yourself below. Imagine this empty box is your house. How would you feel? Now, add some items to the picture to show how your environment is enriched. Hints: What do you like to do at home? Can you draw one item to appeal to all of your sense?

2. Now, draw a picture of an animal at the Alaska Zoo below. This animal needs enrichment too! Include some of the items that may enrich its life. Try to include items that appeal to as many of the senses as possible.