

ALL ABOUT POLAR BEARS!

POLAR BEARS

POLAR BEARS

CAN HAVE

ARE

POLAR BEARS

PARTS OF A POLAR BEAR

POLAR BEARS

LESSON PLAN

Day Two: Physical Traits
Objective: The students will be able to identify physical traits of polar bears.

LESSON PLAN: DAY TWO

Introduction (5 minutes):

POLAR BEARS

POLAR BEAR ADJECTIVES

Directions: An adjective is a describing word. Fill in the blank with an adjective that describes the physical traits about a polar bear.

A POLAR BEAR HAS...

_____ fur
a _____ tail
_____ ears
_____ legs
_____ eyes
_____ claws
a _____ body
_____ paws

POLAR BEARS

LESSON PLAN

Week at a Glance:

Day One: Polar Bear Animal Classification: Mammals
Day Two: Physical Traits
Day Three: Polar Bear Habitats
Day Four: Polar Bear Diet
Day Five: Challenges Polar Bears Face

BEARS

UNSCRAMBLE

POLAR BEARS

LESSON PLAN

Day Three: Habitats
Objective: The students will be able to identify what polar bears need in their habitat to survive.

LESSON PLAN: DAY THREE

Introduction (5 minutes):

•Teacher Says: What is a habitat? Explain that a habitat is where an animal lives and eats. Do you know where polar bears live?

•Explain that polar bears live in the arctic near the North Pole. They live in freezing cold temperatures in snowy, icy areas. Polar Bears actually need sea ice on the water to be able to hunt for seals. When the ice melts, they may swim long distances through the ocean or stay on icy, coastal islands.

POLAR BEARS

ARY

Sentence: _____

Picture: _____

A COMPREHENSIVE FIVE DAY UNIT ALL ABOUT POLAR BEARS!

Includes lesson plans, graphic organizers, craft ideas, projects, comprehension questions and more!

FROM YOUR FRIENDS AT



POLAR BEARS

LESSON PLAN

Week at a Glance:

Day One: Polar Bear Animal

Classification: Mammals

Day Two: Physical Traits

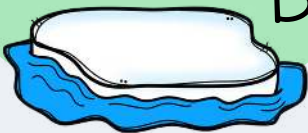
Day Three: Polar Bear

Habitats

Day Four: Polar Bear Diet

Day Five: Challenges Polar

Bears Face



POLAR BEARS

LESSON PLAN

Day One: Mammals

Objective: The students will be able to recognize what makes polar bears mammals.



LESSON PLAN: DAY ONE

Introduction (5 minutes):

- *Explain to the students that our new unit is all about polar bears. Polar Bears are a group of large, fluffy, white bears that live in the arctic!
- *Ask the students what they already know about polar bears. Have you ever seen a polar bear in real life? What do you want to learn about polar bears during this unit?
- *Explain that polar bears are mammals. Today's lesson is going to explore which traits that make polar bears mammals. Make a prediction: What traits about a polar bears do you think make them mammals?

POLAR BEARS

Lesson (15 minutes):

- *The students will watch the video - "Polar Bear" from National Geographic Kids - <https://www.youtube.com/watch?v=XdCaBF8NJ00>
- *The teacher will guide the students in completing the "Vocabulary Square" activity sheet defining the word - "mammal".
- *Explain that polar bears are mammals because:
 - *They are vertebrates - which means they have a backbone!
 - *They are warm-blooded, or their body temperature stays constant!
 - *They give birth to live young and feed their babies milk!
 - *They have hair/fur!
 - *They breathe air using their lungs!

Independent Work (10 minutes)

- *The students will complete the "Polar Bears can, have, are" worksheet attached below.

Closing (5 minutes)

- *Have a discussion about the "Polar Bears can, have, are" activity sheet and add more information together as a whole group.

POLAR BEARS

VOCABULARY SQUARE

Word:

mammal

Definition:



Sentence:

Picture:

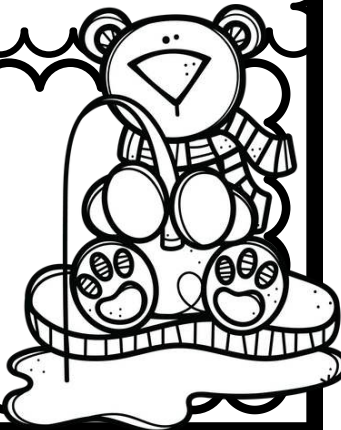
POLAR BEARS

POLAR BEARS

CAN

HAVE

ARE



POLAR BEARS

LESSON PLAN



Day Two: Physical Traits

Objective: The students will be able to identify physical traits of polar bears.



LESSON PLAN: DAY TWO

Introduction (5 minutes):

*Teacher Says: Let's review what we learned from yesterday! Which animal group are polar bears in? What makes a hippo a mammal?

*Explain that today's lesson is about the physical traits of a polar bears, or what it looks like on the outside. Polar Bears have thick, white fur and a layer of fat, called blubber. This is what keeps them warm. They also have large paws, sharp claws and small ears. What else do you notice about a polar bears appearance?

POLAR BEARS

Lesson (15 minutes):

Independent Work (10 minutes)

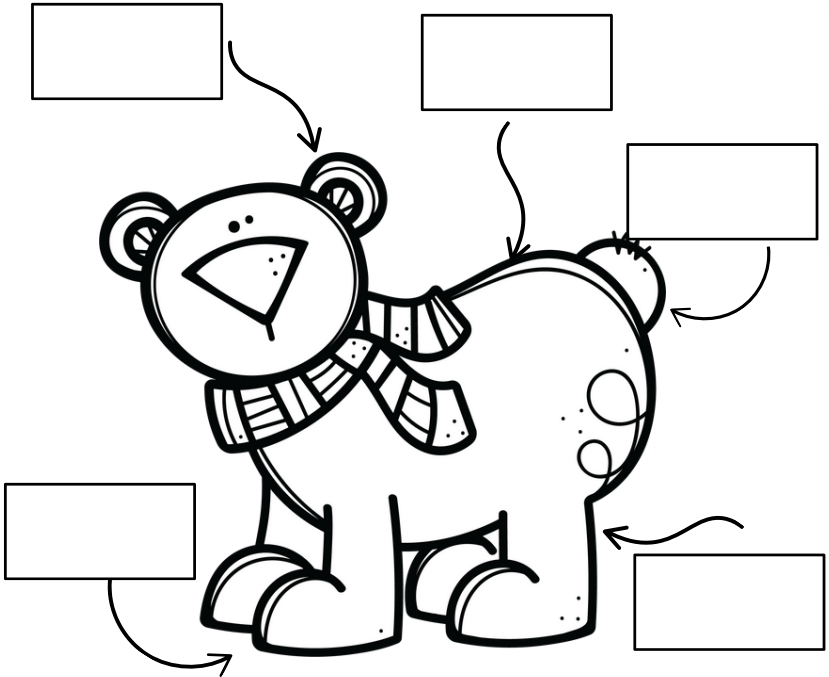
*The students will independently complete the "Polar Bear Adjectives" worksheet. Make sure to review that adjectives are describing words!

Closing (5 minutes)

*Review together the "Polar Bear Adjectives" worksheet!

POLAR BEARS

PARTS OF A POLAR BEAR



paws

ears

legs

tail

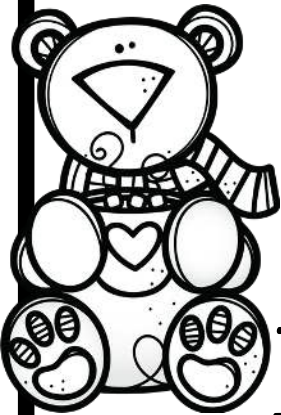
body

POLAR BEARS

POLAR BEAR ADJECTIVES

Directions: An adjective is a describing word. Fill in the blank with an adjective that describes the physical traits about a polar bear.

A POLAR BEAR HAS...



_____ fur

a _____ tail

_____ ears

_____ legs

_____ eyes

_____ claws

a _____ body

_____ paws

POLAR BEARS

LESSON PLAN

Day Three: Habitat

Objective: The students will be able to identify what polar bears need in their habitat to survive.



LESSON PLAN: DAY THREE

Introduction (5 minutes):

*Teacher Says: What is a habitat? Explain that a habitat is where an animal lives and eats. Do you know where polar bears live?

*Explain that polar bears live in the arctic near the North Pole. They live in freezing cold temperatures in snowy, icy areas. Polar Bears actually need sea ice on the water to be able to hunt for seals. When the ice melts, they may swim long distances through the ocean or stay on icy, coastal islands.

POLAR BEARS

Lesson (15 minutes):

*The teacher will read the book, "All Things Polar Bears for Kids" from Animal Reads. Questions to ask during/after reading - Where do polar bears live? How can polar bears survive in the cold? Why do they need ice? Can they live in warm areas?

*The teacher will guide the students in completing the "Fact or Fiction?" activity sheet. The students will color in facts in green and untrue statements in red.

Independent Work (10 minutes)

*The students will complete the "Habitat Unscramble" worksheet attached.

Closing (5 minutes)

*Review the worksheet together and discuss what was learned in today's lesson.

POLAR BEARS

FACT OR FICTION?

Directions: Color the facts in green. Color statements that are fiction in red.

Polar Bears swim in oceans.

Polar Bears live in the arctic near the North Pole.

Polar Bears live in rivers and lakes.

Polar Bears need ice in their habitat!

Polar Bears live in parts of Africa.

Polar Bears live on snowy coasts.

Polar Bears like warm weather.

Polar Bears like the cold weather!

POLAR BEARS

HABITAT UNSCRAMBLE

Directions: Unscramble each word associated with a polar bear's habitat.

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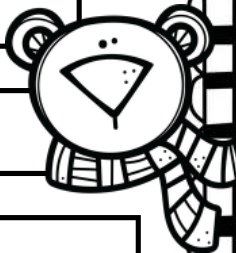
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POLAR BEARS

LESSON PLAN



Day Four: Polar Bear Diets

Objective: The students will be able to identify what polar bears eat.

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LESSON PLAN: DAY FOUR

Introduction (5 minutes):

*Teacher Says: Where do polar bears live? We learned yesterday that polar bears live in freezing cold places near the North Pole called the arctic. What kinds of other animals do you think live in the arctic? Based on that, what do you think polar bears eat?

*Polar Bears are carnivores - which means they only eat meat. Polar Bears mainly eat seals. They eat the blubber, or fat, to stay warm. They also eat parts of whales, birds & eggs, and sometimes fish.

POLAR BEARS

Lesson (15 minutes):

*The teacher will read, "Polar Bears" from National Geographic Kids. Questions to ask during/after reading - What do polar bears eat? How do they get their food? What does it mean to be a carnivore? What is a predator? Why do polar bears need to hunt animals with blubber?

*The teacher will guide the students in completing the "Vocabulary Match Up" activity sheet attached below.

Independent Work (10 minutes)

*The students will complete the "Polar Bear Quick Check" comprehension questions attached below.

Closing (5 minutes)

*Give the students a sticky note or index card. Tell them to write one thing they learned today and one question they still have.

POLAR BEARS

VOCABULARY MATCH UP

blubber

carnivore

arctic

predator

sea ice

Frozen ocean water that polar bears walk on

Thick layer of fat

An animal that hunts other animals

Animals that only eat meat

Cold region near the North Pole

POLAR BEARS

DIET QUICK CHECK

1. What is a carnivore?

2. What do polar bears eat?

3. Why do polar bears need ice?

4. Why do polar bears eat animals with blubber?

POLAR BEARS



LESSON PLAN

Day Five: Challenges Polar Bears Face

Objective: The students will be able to identify various challenges polar bears face and how they survive.



LESSON PLAN: DAY FIVE

Introduction (5 minutes):

*Teacher Says: Polar Bears are amazing animals that can survive in extreme conditions! There are a few challenges that they may face in their environment including - melting ice, food shortages, having to swim extremely long distances to find food, pollution & oil spills, and overall warming temperatures.

*What do you think polar bears do to survive with these challenges? What do you think humans can do to help polar bears thrive in their environment?

POLAR BEARS

Lesson (15 minutes):

*The students will watch the video: "Polar Bears and How to Save Them" -

<https://www.youtube.com/watch?v=mEFASpHL9nM>

*The teacher will guide the students in completing the "Polar Bear Challenges" graphic organizer attached below. In each circle, they will identify a challenge that polar bears might face.

*To help polar bears, humans can support organizations that support arctic wildlife, spread awareness, reduce pollution and help fight climate change.

Independent Work (10 minutes)

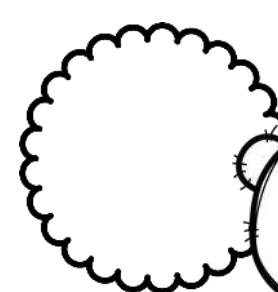
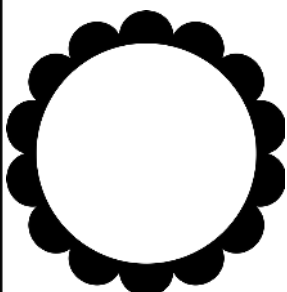
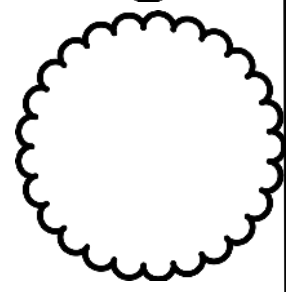
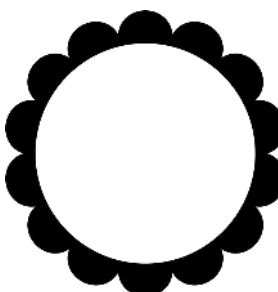
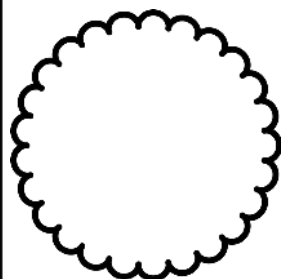
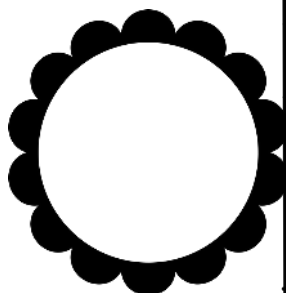
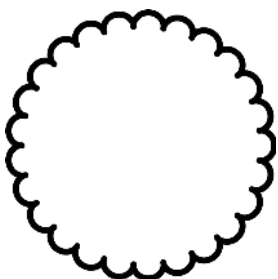
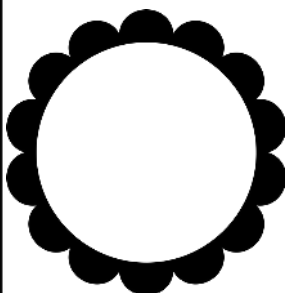
*The students will create a comic strip telling a story about one challenge a polar bear might face and how they would overcome it.

Closing (5 minutes)

*The students will share their stories and comic strips with the class.

POLAR BEARS

Polar Bear Challenges



POLAR BEARS

POLAR BEAR COMIC STRIP

Directions: Create a story using the comic strip of a challenge a polar bear might face and how they can stay safe!

