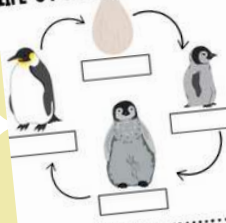


# EMPEROR PENGUINS

## EMPEROR PENGUINS

### LIFE CYCLE OF A PENGUIN



\*egg \*adult \*chick \*fledgling

## EMPEROR PENGUINS

### LESSON PLAN

Week at a Glance:  
Day One: Intro/Physical Traits  
Day Two: Habitat  
Day Three: Diet  
Day Four: Life Cycle  
Day Five: Behaviors



## EMPEROR PENGUINS

Penguins live in cold, icy habitats.

Where do penguins live?

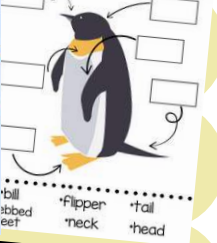
SHORR PENGUINS LIVE IN ANTARCTICA.

They live in ice green fields COLOMB.

Ice sheets are large, slow moving pieces of ice.

## EMPEROR PENGUINS

### PARTS OF AN EMPEROR PENGUIN



## EMPEROR PENGUINS

can have are

## EMPEROR PENGUINS

What do Emperor Penguins eat?

KRILL

Squid

ANTARCTIC SILVERFISH

other Fish species

## EMPEROR PENGUINS

### VOCABULARY MATCH

Directions: Draw a line from the word to the correct definition.

vertebrate

warm-blooded

blubber

huddle

feathers

colony

a) \_\_\_\_\_  
b) \_\_\_\_\_



# A COMPREHENSIVE FIVE DAY UNIT ON EMPEROR PENGUINS!

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

FROM YOUR FRIENDS AT



# EMPEROR PENGUINS

## LESSON PLAN



Week at a  
Glance:

Day One: Intro/Physical  
Traits

Day Two: Habitat

Day Three: Diet

Day Four: Life Cycle

Day Five: Behaviors

# EMPEROR PENGUINS



## LESSON PLAN



### Day One: Physical Traits

Objective: The students will be able to describe the physical characteristics of an Emperor Penguin.



## LESSON PLAN: DAY ONE

### Introduction (5 minutes):

\*Tell students that this week we will be learning all about Emperor Penguins. Ask students to share what they already know about Emperor Penguins and what they would like to learn.

\*Explain that Emperor Penguins are unique because they are birds, but they can't fly. They are also the largest penguins.

# EMPEROR PENGUINS

## Lesson (15 minutes):

\*Read "Emperor Penguins" by Roberta Edwards. Questions to ask - What do you notice about what Emperor Penguins look like? Why can't they fly like other birds? Why do Emperor Penguins waddle? What makes a penguin a bird?

\*Use information from the read aloud as a class to fill in the activity sheet attached below - "Emperor Penguins can, have, are".

\*Fill in the activity sheet attached below on the parts of a penguin.

## Independent Work (10 minutes)

\*Students will independently fill in the "Are Penguins Birds?" activity sheet.

## Closing (5 minutes)

\*Review "Are Penguins Birds" activity sheet. Discuss that penguins are in fact birds. They have feathers, are warm-blooded, lay eggs, have wings, are vertebrates and have feathers.

# EMPEROR PENGUINS

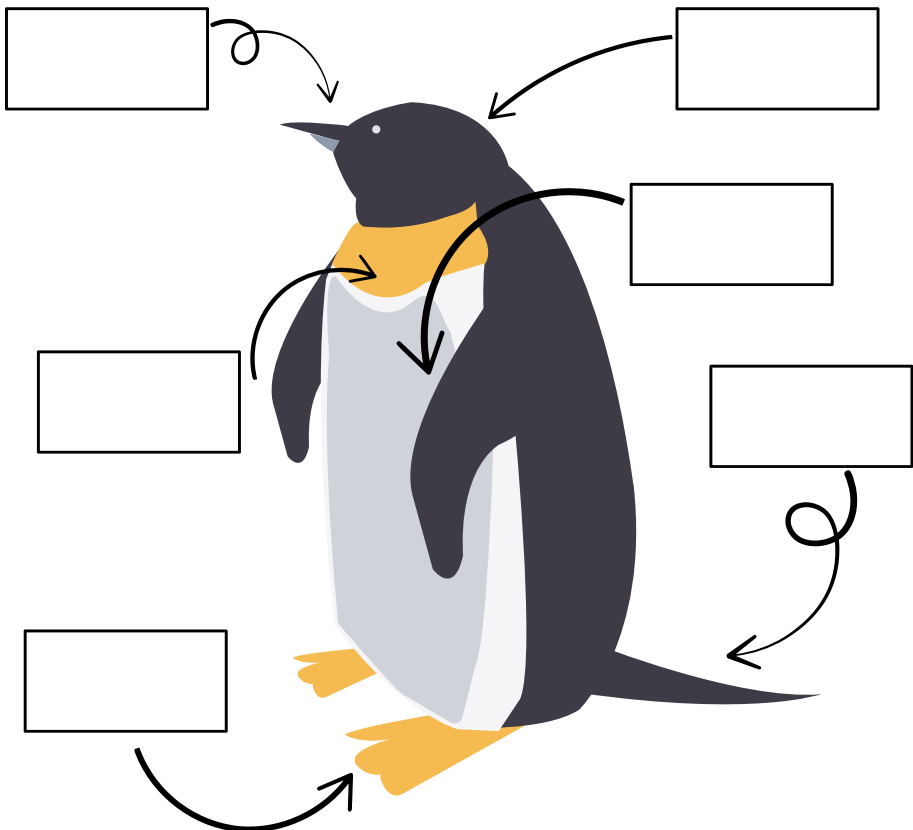
can

have

are

# EMPEROR PENGUINS

## PARTS OF AN EMPEROR PENGUIN



\*bill

\*webbed  
feet

\*flipper

\*neck

\*tail

\*head

# EMPEROR PENGUINS

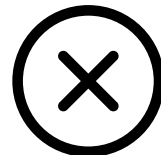
## ARE PENGUINS BIRDS?

Directions: If the question is true, color in the check. If all five statements are true, penguins are birds!

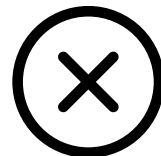
Does a penguin have feathers?



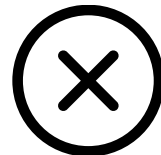
Does a penguin lay eggs?



Is a penguin warm blooded?



Is a penguin a vertebrate?



Do penguins have wings?



# EMPEROR PENGUINS



## LESSON PLAN



### Day Two: Habitat

Objective: The students will be able to describe the habitat where Emperor Penguins live.



## LESSON PLAN: DAY TWO

### Introduction (10 minutes):

\*Tell students that today they will be learning about an Emperor Penguin's habitat. Ask students what they noticed about their habitat from the previous lesson.

\*Show students attached graphic sheet below. Explain that Emperor Penguins primarily live in Antarctica in very cold, icy habitats. They live in large groups called colonies.



# EMPEROR PENGUINS

## Lesson (20 minutes):

\*Show Emperor Penguin video to students. Tell students to observe characteristics of their habitat - <https://www.youtube.com/watch?v=W5ddwHJqyj8>

\*Review with students main idea and key details. Explain that main idea is what something is mostly about. Ask students what they think the main idea of the video was. Key details include important information that help us understand more about the main idea.

\*Explain to students that because Emperor Penguin's habitats are so cold, they've developed ways to keep warm like huddling together in groups, their thick feathers, and an extra layer of fat called blubber.

\*Complete the three key details on the attached activity sheet below with students.

## Independent Work (10 minutes)

\*Students will independently complete the "Vocabulary Match Up" activity sheet attached. Review together when finished.

# EMPEROR PENGUINS



Penguins live in cold, icy habitats.



Glaciers are large, slow moving pieces of ice.

Where do penguins live?



EMPEROR PENGUINS LIVE IN ANTARCTICA.



They live in large groups called COLONIES.

# EMPEROR PENGUINS

## MAIN IDEA AND KEY DETAILS

Where do Emperor Penguins live?

### MAIN IDEA

Emperor Penguins live in Antarctica and the Southern Hemisphere.

### Detail #1

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### Detail #2

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### Detail #3

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# EMPEROR PENGUINS

## VOCABULARY MATCH

Directions: Draw a line from the word to the correct definition.

vertebrate

warm-  
blooded

blubber

huddle

feathers

colony

a.) gather  
together to  
stay warm

b.) a group of  
penguins that  
live together

c.) body  
temperature  
stays constant

d.) an animal  
with a  
backbone

e.) thick layer  
of fat to keep  
penguins warm

f.) the body  
covering on a  
bird

# EMPEROR PENGUINS

## LESSON PLAN

### Day Three: Diet

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



.....

## LESSON PLAN: DAY THREE

### Introduction (10 minutes):

\*Tell students that today's lesson will be "diving deeper" into what Emperor Penguins eat! Get it? Diving deeper? Explain that Emperor Penguins primarily dive into the arctic waters to catch their prey.

\*Show attached sheet below and explain that Emperor Penguins eat krill, squid, and fish (primarily Antarctic Silverfish). Tell students that they also have two main predators - orcas and leopard seals.

# EMPEROR PENGUINS

Lesson (15 minutes):



\*Show video about the Emperor Penguin's diet -

<https://www.youtube.com/watch?v=sHj7XmpwHHM>

\*Answer comprehension questions on the "A Penguin's Diet" activity sheet with students.

## Independent Work (15 minutes)

\*Use the "Penguin Story" activity sheet attached below. Explain to students they will come up with a creative story using the words that are in the box.

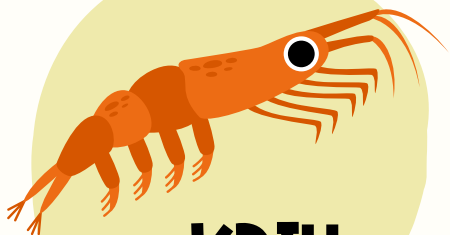
## Closing (5 minutes)



\*Students will share their creative stories with a partner. Each partner will give the other partner two "glows" and one "grow" (one good thing they did and one thing they can work on).

# EMPEROR PENGUINS

What do Emperor Penguins eat?



**KRILL**



Squid



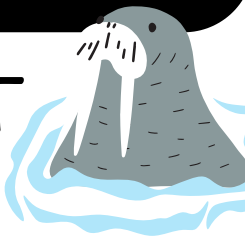
**ANTARCTIC SILVERFISH**



**Other Fish species**

# EMPEROR PENGUINS

## A Penguin's Diet



1. What do penguins eat?

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2. How do penguins get food?

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---

3. Name a predator of penguins.

---

---

4. Where do penguins get food?

---

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# EMPEROR PENGUINS

## PENGUIN STORY

Directions: Use the words in the box to write a story.

Arctic    dive    slide  
fish    penguin    egg  
ice    chick    water  
food    snow    eat



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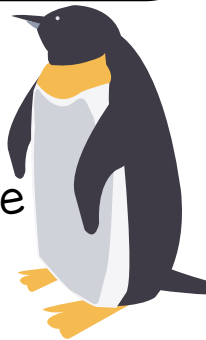
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# EMPEROR PENGUINS

## LESSON PLAN

### Day Four: Life Cycle

Objective: The students will be able to recognize the stages of a penguin's life cycle and describe each stage.



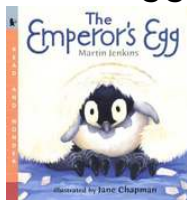
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## LESSON PLAN: DAY FOUR

### Introduction (10 minutes):

\*Tell students that they will be exploring more about the life cycle of an Emperor Penguin. Explain that life cycles are the stages an animal goes through as it grows.

\*The teacher will read "The Emperor's Egg" by Martin Jenkins. Questions to ask while reading - Who do you notice takes care of the egg? Why & how do the dad penguins take care of the egg? Do the penguins eat while taking care of the egg? If so, what? Why do they live in such a cold habitat?



# EMPEROR PENGUINS

## Lesson (20 minutes):

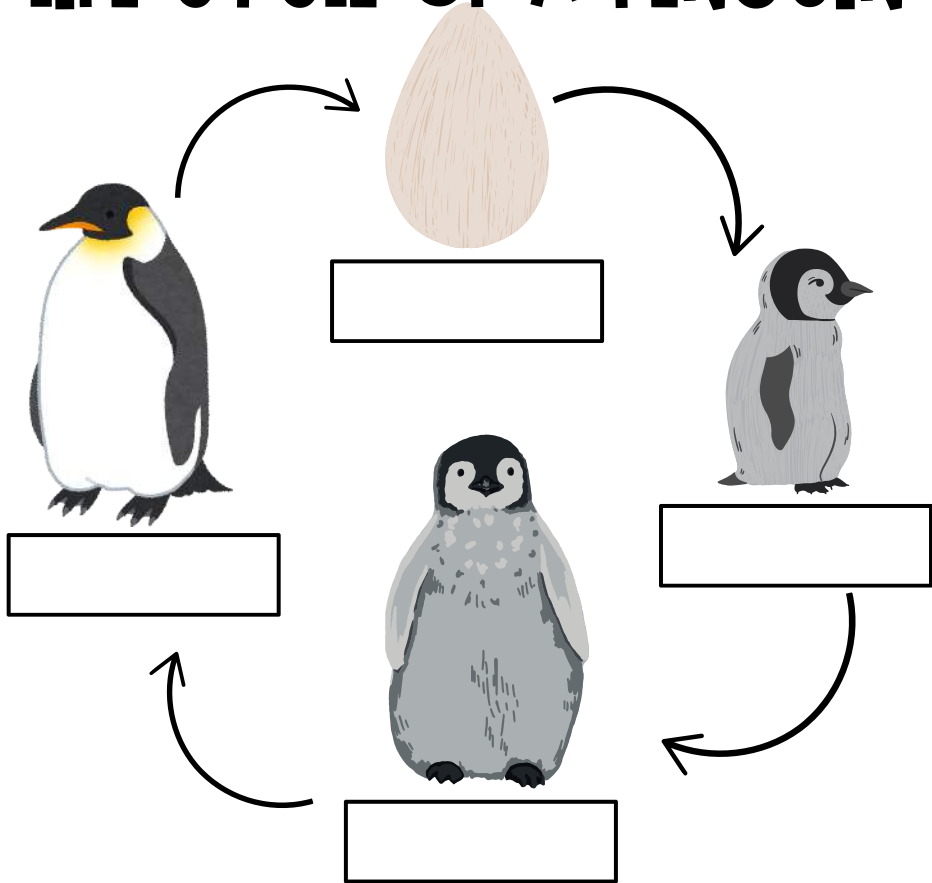
- \*The students will complete the “Life Cycle of a Penguin” activity sheet attached below. Use the words at the bottom of the page to fill in each stage.
- \*Then, write one to two sentences on the activity sheet below describing each stage of the Emperor Penguin life cycle.
- \*Thumbs Up, Thumbs Down Game: Read a statement about the life cycle of a penguin. Tell students to put a thumbs up if it is true, or thumbs down if it is false.

## Independent Work (15 minutes)

- \*Students will independently complete the “Fact or Fiction?” activity sheet attached below. Discuss as a class when completed.

# EMPEROR PENGUINS

## LIFE CYCLE OF A PENGUIN



\*egg \*adult \*chick \*hedgling

# EMPEROR PENGUINS

## LIFE CYCLE OF A PENGUIN



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# EMPEROR PENGUINS

fact or fiction?

Directions: Read each statement about the life cycle of an Emperor Penguin. Circle fact or fiction.

The daddy penguin takes care of the egg before it hatches.

**FACT**      **FICTION**

When baby penguins hatch, they can fly and swim.

**FACT**      **FICTION**

Emperor Penguins lay three to four eggs at a time.

**FACT**      **FICTION**

When penguins hatch, they are covered in "down" feathers which keep them warm.

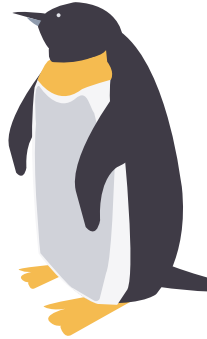
**FACT**      **FICTION**

Mommy penguins go to the ocean to get food for the baby.

**FACT**      **FICTION**

# EMPEROR PENGUINS

## LESSON PLAN



### Day Five: Behaviors

Objective: The students will be able to identify unique behaviors of penguins including huddling, living in colonies, egg care, waddling, diving for food, etc.

## LESSON PLAN: DAY FIVE

### Introduction (10 minutes):

\*Explain to students that they will be reviewing the unique behaviors of Emperor Penguins that they learned through out the week.

\*Ask students to name behaviors of penguins that they noticed. Example - huddling together, waddling, the way they take care of their eggs, living in colonies, etc.

\*Make an anchor chart or list on the white board listing the unique behaviors of Emperor Penguins.

# EMPEROR PENGUINS

## Lesson (15 minutes):

\*Use the "Behaviors of Emperor Penguins" activity brainstorm sheet below. Write four behaviors and describe as a class.

Act Like A Penguin Game! The teacher will call out a certain behavior of penguins (waddling, huddling, diving, etc.) and students will act out the behavior.

\*Students will answer the "Act Like A Penguin" comprehension question worksheet attached below.

## Independent Work (10 minutes)

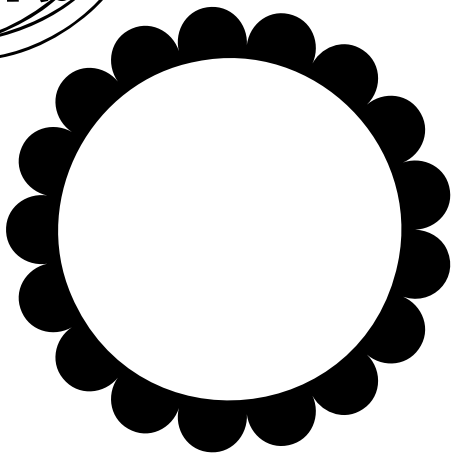
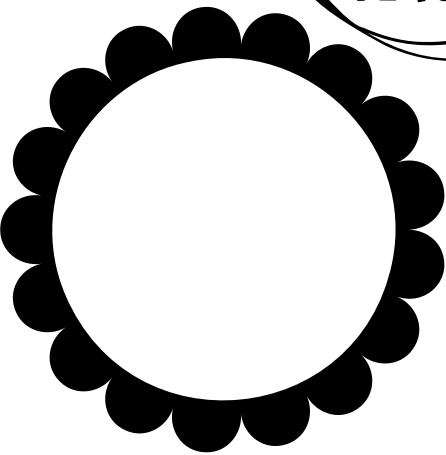
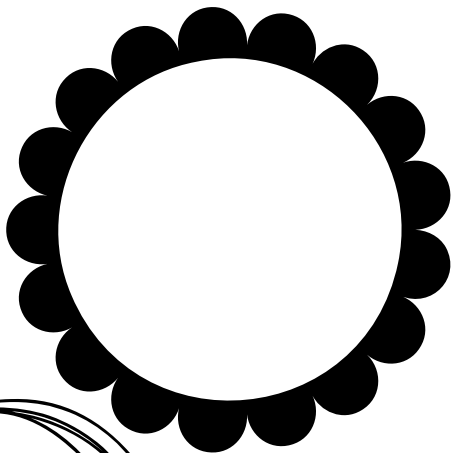
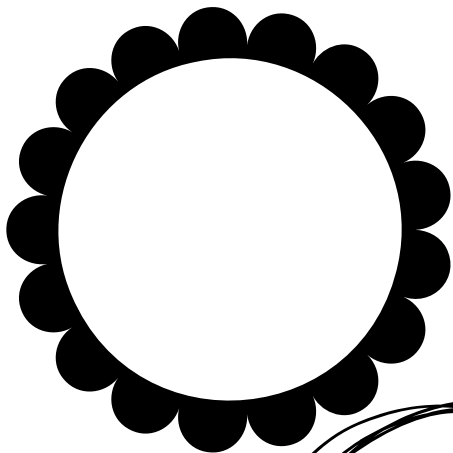
\*Students will independently complete "Penguin Behavior Unscramble". The words are all associated with behaviors of Emperor Penguins. Answer Key is attached.

## Closing (5 minutes)

\*Give students a sticky note. Have them write the most interesting thing they learned about penguins throughout the unit. Share notes with the class.



# EMPEROR PENGUINS



# EMPEROR PENGUINS

## ACT LIKE A PENGUIN

1. Why do penguins huddle together?

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2. What is unique about the way that penguins take care of their eggs?

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3. Do penguins live alone or in groups? Why?

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# EMPEROR PENGUINS

## PENGUIN BEHAVIOR UNSCRAMBLE

Directions: Unscramble each word that is associated with a unique behavior of an Emperor Penguin.

H D D U E L

D V I E

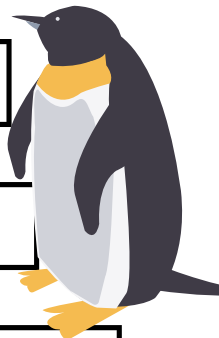
W D D A L E

L O C O I E N S

B W I N O G

P O P R I O I N S G

W R K O T M E A



# EMPEROR PENGUINS

## PENGUIN BEHAVIOR UNSCRAMBLE

### Answer Key

H D D U E L

Huddle

D V I E

Dive

W D D A L E

Waddle

L O C O I E N S

Colonies

B W I N O G

Bowing

P O P R I O I N S G

Porpoising

W R K O T M E A

Teamwork

