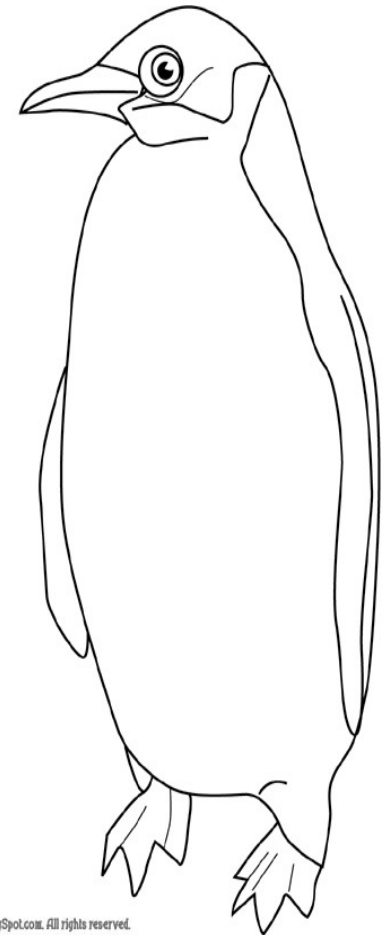


# My Penguin Book



Name:

Date:



# Penguin Web-quest

## PART 1

1. List 3 reasons why penguins are considered birds.

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2. List some places in the world where penguins live.

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3. In what 2 ways do penguins use their flippers?

1. \_\_\_\_\_

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2. \_\_\_\_\_

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4. How have penguins adapted to their habitat?

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5. What is protective coloration?

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6. What 3 ways do penguins move on land? Which is their best form of movement?

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## Penguin Web-quest continued

7. What 4 ways does a male penguin let a female know that he is interested in her?

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

8. What are baby penguins called?

\_\_\_\_\_

9. What is a predator?

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

10. Name 5 predators of penguins.

\_\_\_\_\_

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11. How have humans threatened the well-being of penguins?

\_\_\_\_\_

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12. Who first discovered and named penguins? What bird did they name the penguins after?

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## PART 2

13. Which hemisphere has no penguins living in the wild? Which continents are in this hemisphere?

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## Penguin Web-quest continued

14. Name the 2 continents that have more than 5 different kinds of penguins living on them.

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15. Even though New Zealand does not belong to a continent, they have 6 types of penguins living there. List the 6 types of penguins.

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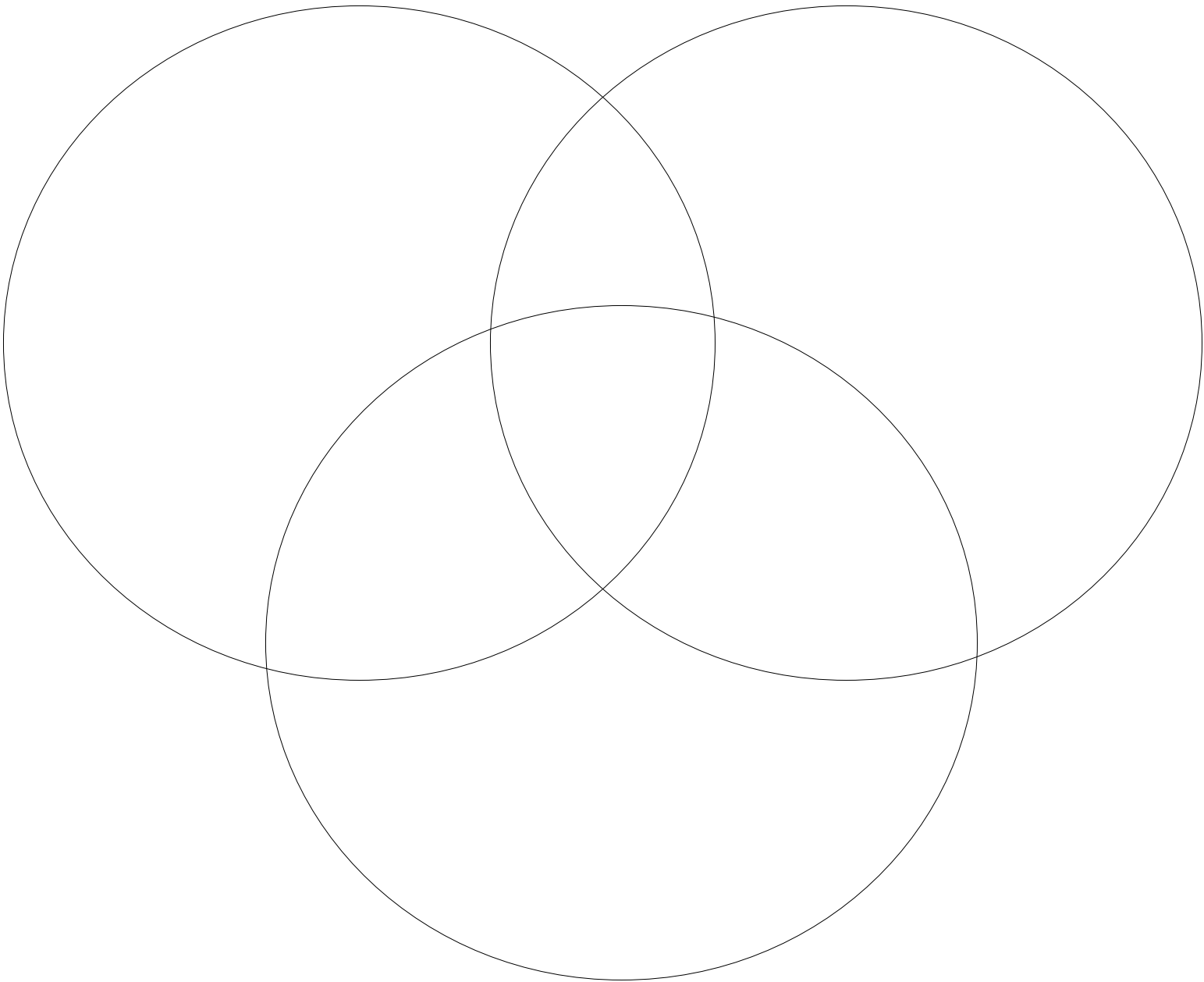
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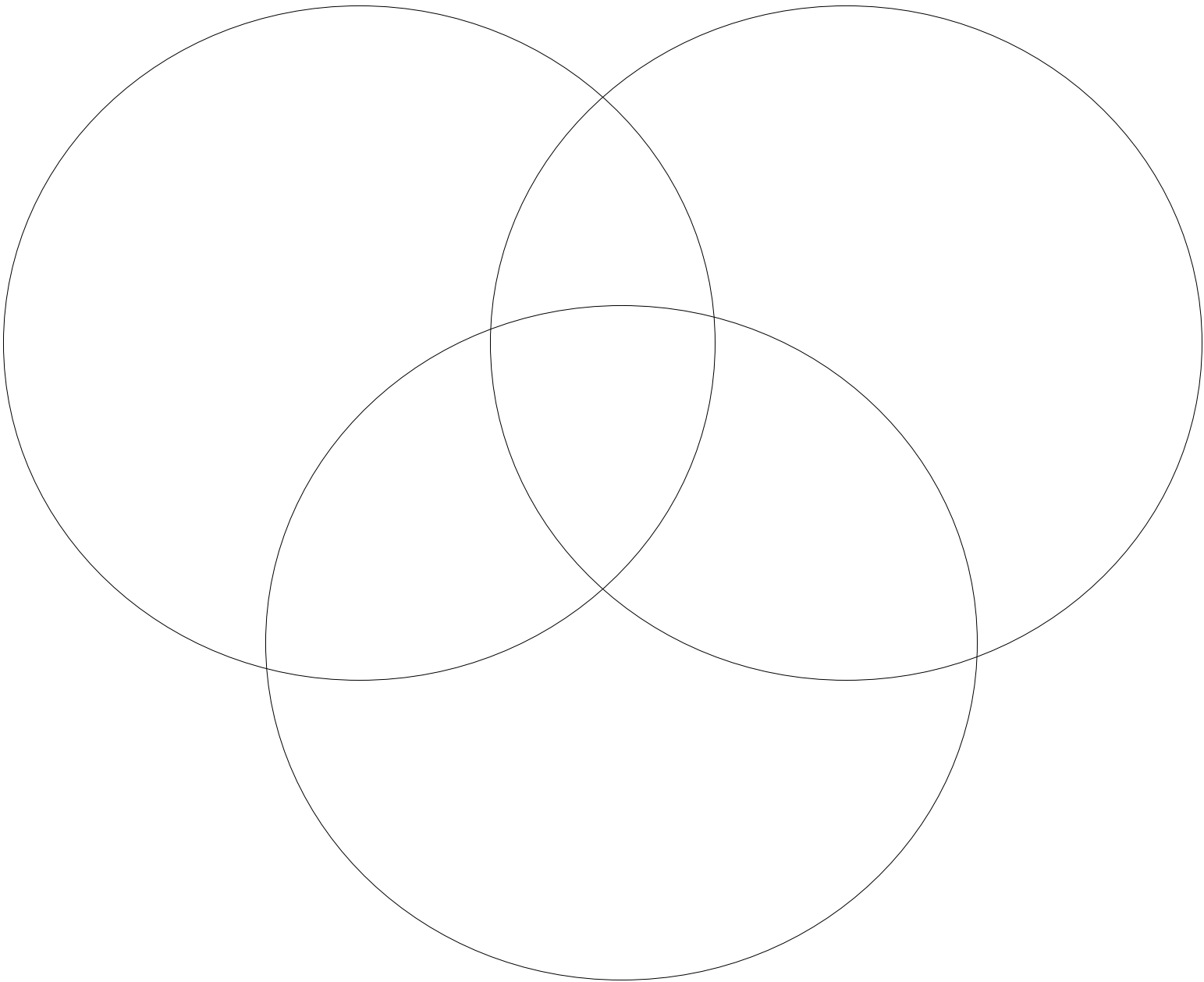
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On this page write notes or questions you may have for the researchers.

Comparing and Contrasting Penguins  
Venn Diagram



Comparing and Contrasting Penguins  
Venn Diagram



## Penguins and Flying Birds

Directions: Create an animal or bird that lives in water and on land. Think about the types of adaptations your animal/bird needs to survive. Draw your animal/bird on the page below.

Write a paragraph about describing the animal/bird that you have just drawn. Make sure to describe its adaptations.

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## Weather and Climate Effect on Penguins (Global Warming)

Write down your data and observations on this page.

Bottle	Starting temperature	Final temperature	Change in temperature
No baking soda			
No baking soda			
2 tsp.			
4 tsp.			
8 tsp.			

## Amount of Baking Soda vs. Temperature

Temperature



Baking Soda



## Weather and Climate Effect on Penguins (Global Warming)

Directions: Complete the following questions based on the science experiment you did in class.

1. How is the change in temperature in sunlight related to the amount of CO<sub>2</sub> in the bottles?

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2. How did the temperature change of the two control bottles compared to the temperature change in the CO<sub>2</sub> bottles?

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3. Which bottle's temperature changed the most?

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4. Which bottle's temperature changed the least?

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5. How do you think this science experiment is related to global warming?

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6. How do you think the change in temperature on Earth affects the ice caps?

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## What Can I Do to Reduce My Carbon Footprint?

Directions: Answer the questions using complete sentences.

1. What is your carbon footprint?

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2. What are some daily activities that your carbon footprint comes from?

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3. What are three things you can do to reduce your carbon footprint?

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4. What can you do with your family to reduce your carbon footprint?

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5. What can your class do as a group to help the Earth?

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6. What is global warming?

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7. How does global warming and your carbon footprint affect the penguins in Antarctica?

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## My Antarctic Food Web

Use the following pages to draw and label the Antarctic animals.

## Oil Spills in the Antarctic

### Procedure:

1. Fill one end of the pan with sand, creating a small beach about one fourth the length of the pan and about 2 cm deep.
2. Fill the remaining portion of the pan with water; reform the "beach", if necessary.
3. At the end of the pan opposite the beach area, dip your finger in and out of the water once every few seconds to create waves.
4. Place the piece of fur and the feather into the pan. *Predict what might happen when oil is added to this environment. Before oil is added, discuss with your team methods of cleaning up an oil spill with the materials provided.*
5. Add two tablespoons vegetable oil to the environment and onto the fur and feather.
6. As the oil spill spreads out, stick your finger in the center. Observe what happens when your finger is removed.
7. Put two drops of liquid detergent on part of the oil spill. Observe what happens.
8. Use the wooden toothpicks, cotton ball, paper towel, and dropper to recover as much oil as possible. Use tweezers to handle the paper and cotton. Write down any observations.
9. Clean the feather and fur. Allow to dry overnight. Test for cleanliness. Record observations.

### Observations:

1. What happened when you put your finger in the oil?

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2. What happened when you put liquid detergent on part of the oil spill?

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3. What was your strategy for cleaning up the oil?

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4. Which tool worked the best for cleaning up the oil? (toothpicks, cotton ball, paper towel, and dropper) Why?

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Conclusion:

1. What are some ways to prevent oil spills?

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2. What effect do you think wind and waves have on cleaning up an oil spill?

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3. How does oil affect penguins' feathers?

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4. How does oil affect animal fur?

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On this page write notes or questions you may have for the researchers.

## Mr. Popper's Penguins

Directions: Provide a definition for the vocabulary in your own words. Use complete sentences when answering the comprehension questions.

### Chapter 1- Stillwater

Vocabulary:

Absent-minded (p.5)

Expedition (p.6)

Comprehension:

1. Mr. Popper is a dreamer. What countries would you want to visit?

2. What did Mr. Popper wish he was, instead of a painter?

3. Why does Mrs. Popper say, "No more roast beef, no more ice cream, not even on Sundays"? (p. 8)

## Chapter 2- The Voice in the Air

Vocabulary: spectacles (p.10)

1. According to the book, which animal lives in the North Pole?

2. A group of penguins shove one penguin off the ice bank to see if it is safe to go in the water. Write about a time when you used the buddy system.

3. What do you think the surprise is from Admiral Drake?

Directions: Provide a definition for the vocabulary in your own words. Use complete sentences when answering the comprehension questions.

### **Chapter 3- Out of the Antarctic**

Vocabulary:  
meekly (p.16)-

pompous (p.19)-

1. What is delivered to Mr. Popper's house?
2. Based on the description, which type of penguin is at the Popper house?
3. What did Mr. Popper think the bathroom tile reminded the penguin of?

4. How did the penguin get his name?

### **Chapter 4- Captain Cook**

1. Who was Captain Cook named after?
2. What did Captain Cook do with the goldfish?
3. How did Captain Cook respond to Mrs. Popper spanking him?
4. What does Mr. Popper give Captain Cook to make a nest out of? From what you have studied, is this really what penguins make nests from?

Directions: Provide a definition for the vocabulary in your own words. Use complete sentences when answering the comprehension questions.

### **Chapter 5- Troubles with a Penguin**

Vocabulary:  
ice box (p32)-

ventilating (p32)-

1. What did the penguin do when he was playing with the jigsaw puzzle?
2. What scared the serviceman?
3. How much did it cost Mr. Popper to get the refrigerator fixed? Did that seem like a lot of money to Mr. Popper?
4. How did Captain Cook get out of the refrigerator?

### **Chapter 6- More Troubles**

Vocabulary:  
sternly (p39)-

municipal (p40)-

1. What did the policeman think was in the Poppers' house?
2. Who did Mr. Popper call and why?
3. What did Mr. Popper do when his phone call was switched over to the County Building?
4. Based on what you have learned about penguins, do you think Captain Cook would enjoy living in the ice box? Why or why not?



Directions: Provide a definition for the vocabulary in your own words. Use complete sentences when answering the comprehension questions.

### Chapter 7- Captain Cook Builds a Nest

1. Where was Captain Cook hiding objects that he picked up around the house?
2. Name 5 things that Captain Cook collected for his nest.
3. What do you think Mr. Popper needed the yards of clothesline for?
4. A synonym is a word that has the same meaning as another word. For example a synonym for *small* is *tiny*. Find a synonym for each of the following words.
  1. occupied (p.44) \_\_\_\_\_
  2. a maid (p.45) \_\_\_\_\_
  3. amazing (p.46) \_\_\_\_\_
  4. candy (p.48) \_\_\_\_\_
  5. a table light (p.49) \_\_\_\_\_

### Chapter 8- Penguin's Promenade

Vocabulary:  
derby (p51)-

stroll (p50)-

extinct (p54)-

1. How did Captain Cook get down the steps?
2. What did Mrs. Callahan think Captain Cook was?
3. Who jumped out of the car to see Mr. Popper?
4. Where did Mr. Popper and Captain Cook go to hide from the crowd?

Directions: Provide a definition for the vocabulary in your own words. Use complete sentences when answering the comprehension questions.

### **Chapter 9- In the Barber Shop**

Vocabulary:  
elderly (p.57)-

spectacle (p.57)-

humble (p.61)-

1. What caused Mr. Popper to slide (toboggan) down the stairs?

### **Chapter 10- Shadows**

1. What newspaper first had the story and photo of Mr. Popper and Captain Cook in it?

2. Who is Greta? Where did she come from?

3. What illness does the curator think Great is suffering from?

### **Chapter 11- Greta**

1. What did Mr. Popper do in order to tell the penguins apart?

2. What do the Poppers do to make the house cooler for the penguins?

3. What did the Poppers do to stay warm?

4. What was in the house when the Poppers woke up one morning?

5. What happened to the water that Mr. Popper sprayed on the floors?

6. Who played in the living room on the ice?

## Chapter 11- Greta

Draw a picture of your favorite part of this chapter.

## Chapter 12- More Mouths to Feed

1. How many eggs did Greta lay?
2. Do you think it is possible in real life for a penguin to lay as many eggs as Greta? Why or why not?
3. How did Mr. Popper keep the extra eggs warm?
4. What were the names of the 10 chicks?
5. What did Mr. Popper dig a hole for in the cellar?  
.
6. Who liked leading the marching drills?
7. Why was Mr. Popper upset that spring was coming soon?

Directions: Provide a definition for the vocabulary in your own words. Use complete sentences when answering the comprehension questions.

## Chapter 13- Money Worries

Vocabulary:  
tidy (p81)-

droll (p84)-

1. What does Mr. Popper want to do with the penguins to make money?

2. Why does Mr. Popper say that the penguins “already have a costume”?

## Chapter 14- Mr. Greenbaum

1. Which two penguins were at the end of the line when marching to the theater? What were they carrying?

2. Why did the bus driver kick Mr. Popper and the penguins off the bus?

3. Why were there “twenty-four white-circled eyes” looking solemn if Mr. Popper has twelve penguins?

4. Place the following words in alphabetical order.

music, engineer, theater, sell, fare, train, money, downtown, performance, toboggan

## Chapter 15- Popper’s Performing Penguins

Vocabulary:  
rehearse (p.93)-

indulgence (p.93)-

Directions: Provide a definition for the vocabulary in your own words. Use complete sentences when answering the comprehension questions.

## Chapter 15- Popper's Performing Penguins

novelty (p.93)-

precision (p.94)-

1. Why did the penguins get to rehearse on a real stage?
2. Why do you think Mrs. Popper likes to play the piano with her gloves on?
3. Which act would you most like to watch? Why?

Check the capitalization and punctuation in the following sentences. Rewrite each one of the sentences correctly

1. mr greenbaum was the first to congratulate the poppers
2. "which bird won who's ahead" shouted the audience
3. ten of the birds now formed a semicircle as nelson and columbus put on a wild sparring contest
4. is that all right mamma asked mr popper

Directions: Use complete sentences when answering the comprehension questions.

### **Chapter 16- On the Road**

1. When the Poppers received their money, what did they pay for first? What did they pay second?
2. How many taxicabs did the Poppers take? Why?
3. How many weeks of school did Janie and Bill have to miss while traveling for the show?
4. How did the penguins mess up Monsieur Duval's act?

### **Chapter 17- Fame**

1. How long were the lines to buy tickets for the Popper Performing Penguins?
2. Where did the penguins go from the basement?
3. Why didn't Mr. Popper and the penguins walk from the hotels to the theaters?
4. How did Mr. Popper get free shrimp for the penguins?
5. Name 6 places that the Poppers' visited while performing their act.
6. Where is Popper's Performing Penguins' last show?

Directions: Use complete sentences when answering the comprehension questions.

### **Chapter 18- April Winds**

1. Why did Mr. Popper not like having the penguins on the roof?
2. How many penguins did Mr. Swensen say his seals could eat?
3. What did the firemen put on the penguins? What did the policemen put on the seals?
4. Why is Mr. Popper being arrested?

### **Chapter 19- Admiral Drake**

1. Why were the birds feeling uncomfortable in the jail?
2. What day did Mr. Popper get released from jail? Who released him?
3. Why do the explorers prefer the South Pole?
4. What do you think Mr. Popper should do with the penguins, send them to the North Pole with Admiral Drake or put them in the movies? Explain your answer.

## Chapter 20- Farewell, Mr. Popper

1. Give two of Mr. Popper's reasons for making his decision about the penguins.
2. What does Mr. Popper want before the penguins go?
3. How long does Mr. Popper plan to be gone?
4. If you were Mr. Popper, would you have left your family for two years to take care of your penguins in the North Pole?

Now that you have finished the novel Mr. Popper's Penguins, use this page to write notes or questions that you may have for the researchers.