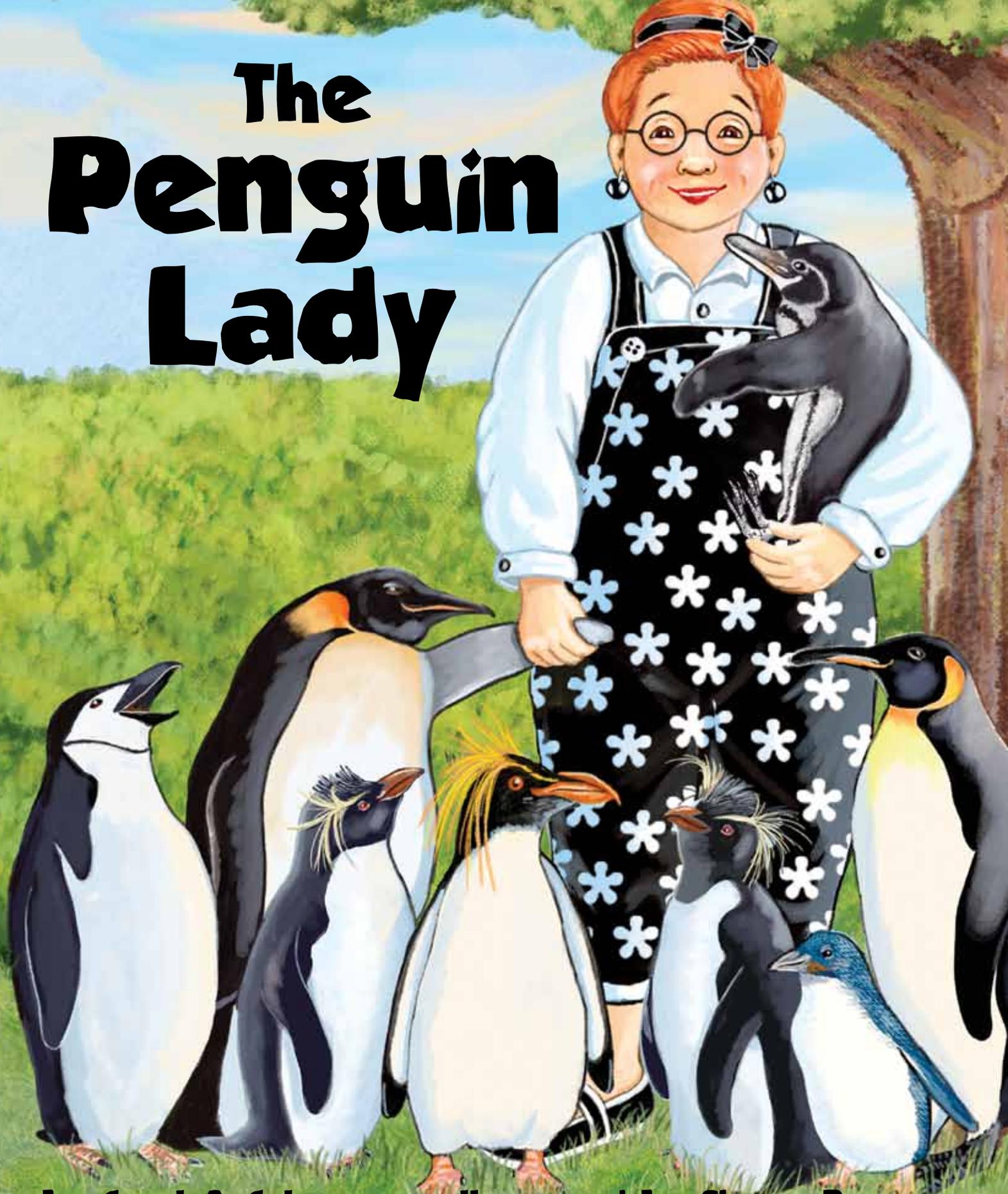


The Penguin Lady



by Carol A. Cole

illustrated by Sherry Rogers

The Penguin Lady

Penelope Parker lives with penguins! Short ones, tall ones; young and old—the penguins are from all over the Southern Hemisphere including some that live near the equator! Do the penguin antics prove too much for her to handle? Children count and then compare and contrast the different penguin species as they learn geography.

It's so much more than a picture book . . . this book is specifically designed to be both a fun-to-read story and a launch pad for discussions and learning. Whether read at home or in a classroom, we encourage adults to do the activities with the young children in their lives. Free online resources and support at www.ArbordalePublishing.com include:

- For Creative Minds as seen in the book (in English & Spanish):
 - Compare and Contrast Penguin Adaptations
 - Penguins of the World: True or False Questions
 - Hands On: How Tall Are Penguins?
- Teaching Activities (to do at home or school):
 - Reading Questions
 - Math
 - Language Arts
 - Geography
 - Science
 - Coloring Pages
- Interactive Quizzes: Reading Comprehension, For Creative Minds, and Math Word Problems
- English and Spanish Audiobooks
- Related Websites
- Aligned to State Standards
- Accelerated Reader and Reading Counts! Quizzes
- Lexile and Fountas & Pinnell Reading Levels

eBooks with Auto-Flip, Auto-Read, and selectable English and Spanish text and audio available for purchase online.

Thanks to Jean Pennycook, Penguin Education Specialist at Penguin Science; Heather Urquhart, Penguin Exhibit and Collection Manager and Erin Graichen, Education Programs Assistant at the New England Aquarium; and Tricia LeBlanc, Director of Education & Volunteers, at the Audubon Aquarium of the Americas for reviewing the For Creative Minds section for accuracy.



Carol A. Cole has worked with young children in schools for almost 30 years as a pediatric physical therapist. Carol started writing “scripts” for a favorite TV show when she was ten years old and hasn’t stopped writing since. She’s the author of numerous articles and short stories found online and in anthologies. This is her debut picture book. Carol based this story on one of the teachers with whom she works—the original Penguin Lady. Penguin mouse pads, puzzles, wall decorations, and inflatable penguins fill the Penguin Lady’s classroom, leading Carol to wonder what would happen should real penguins move in. Carol and her family live in Northern Virginia.

Sherry Rogers spent twelve years as a corporate graphic designer and artist before “leaving it all behind” for the freelance world of illustrating children’s books. In addition to *The Penguin Lady*, some of Sherry’s other titles include *Ten for Me*, *Hey Diddle Diddle*, *Newton and Me*; *Moose and Magpie*; *Paws, Claws, Hands & Feet*; award-winning *Sort It Out!*; *Kersplatypus*; *Burro’s Tortillas*; and *If You Were a Parrot*. Sherry lives in Northern California.



Carol A. Cole

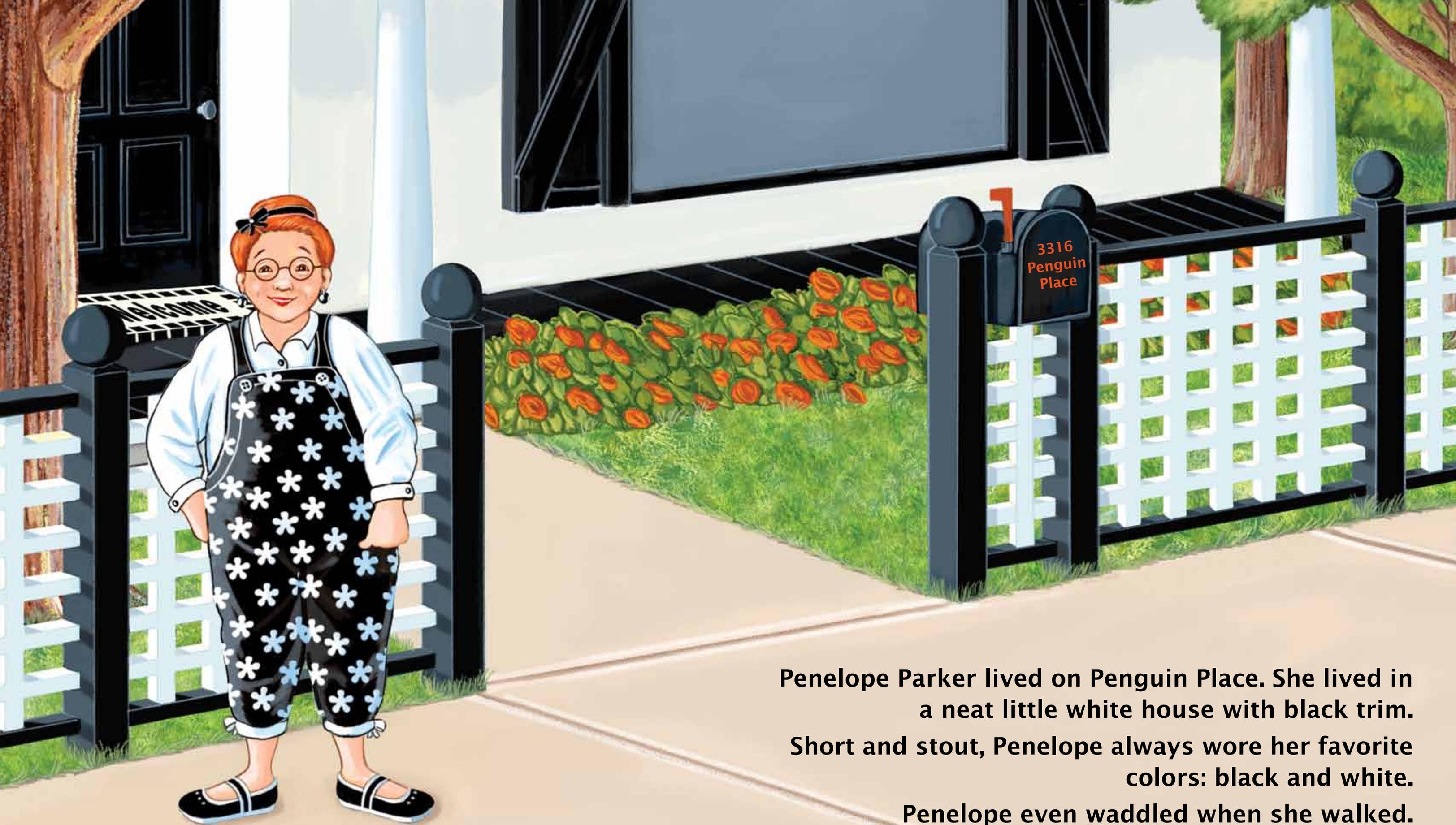


Sherry Rogers

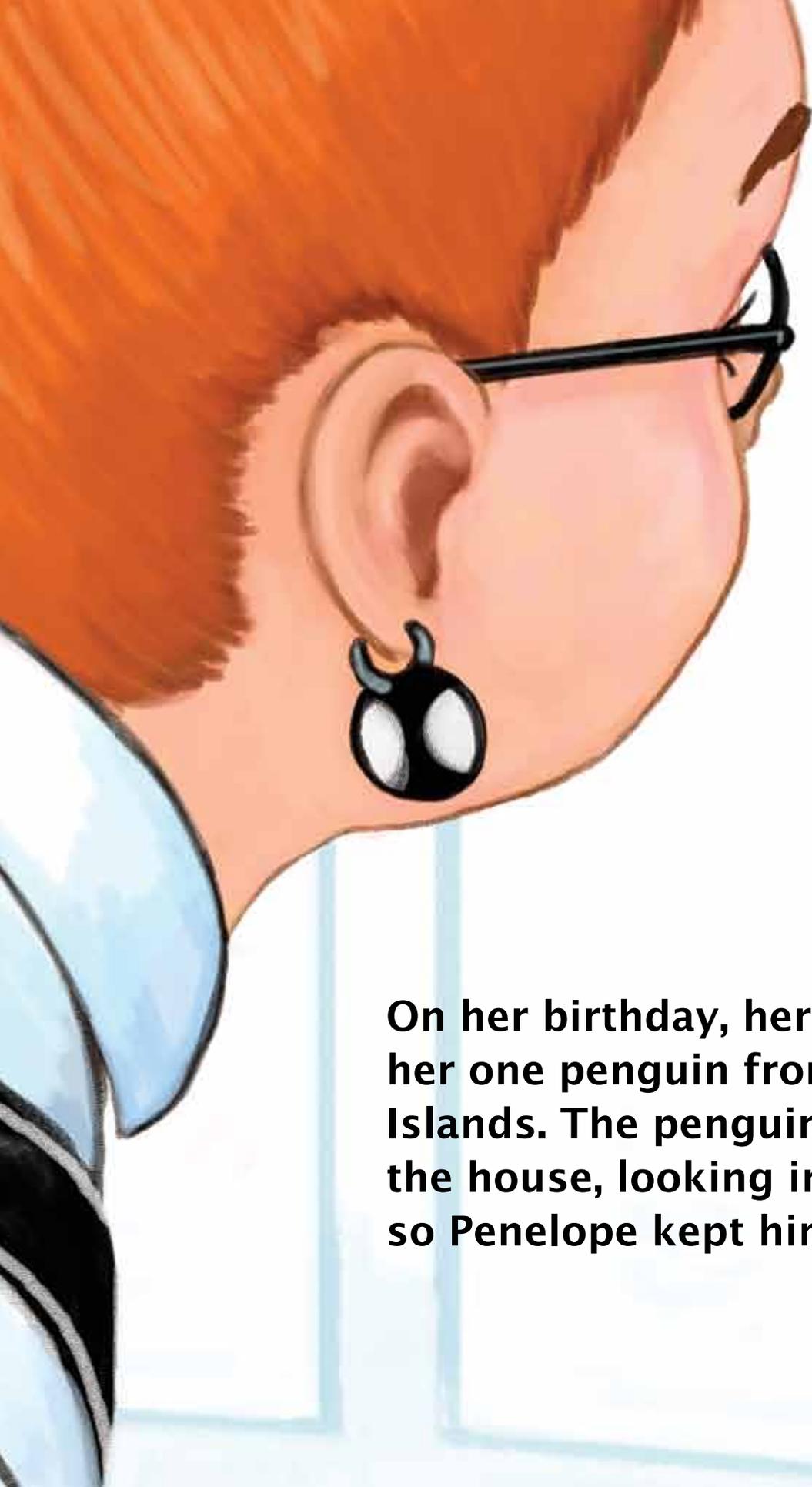
The Penguin Lady

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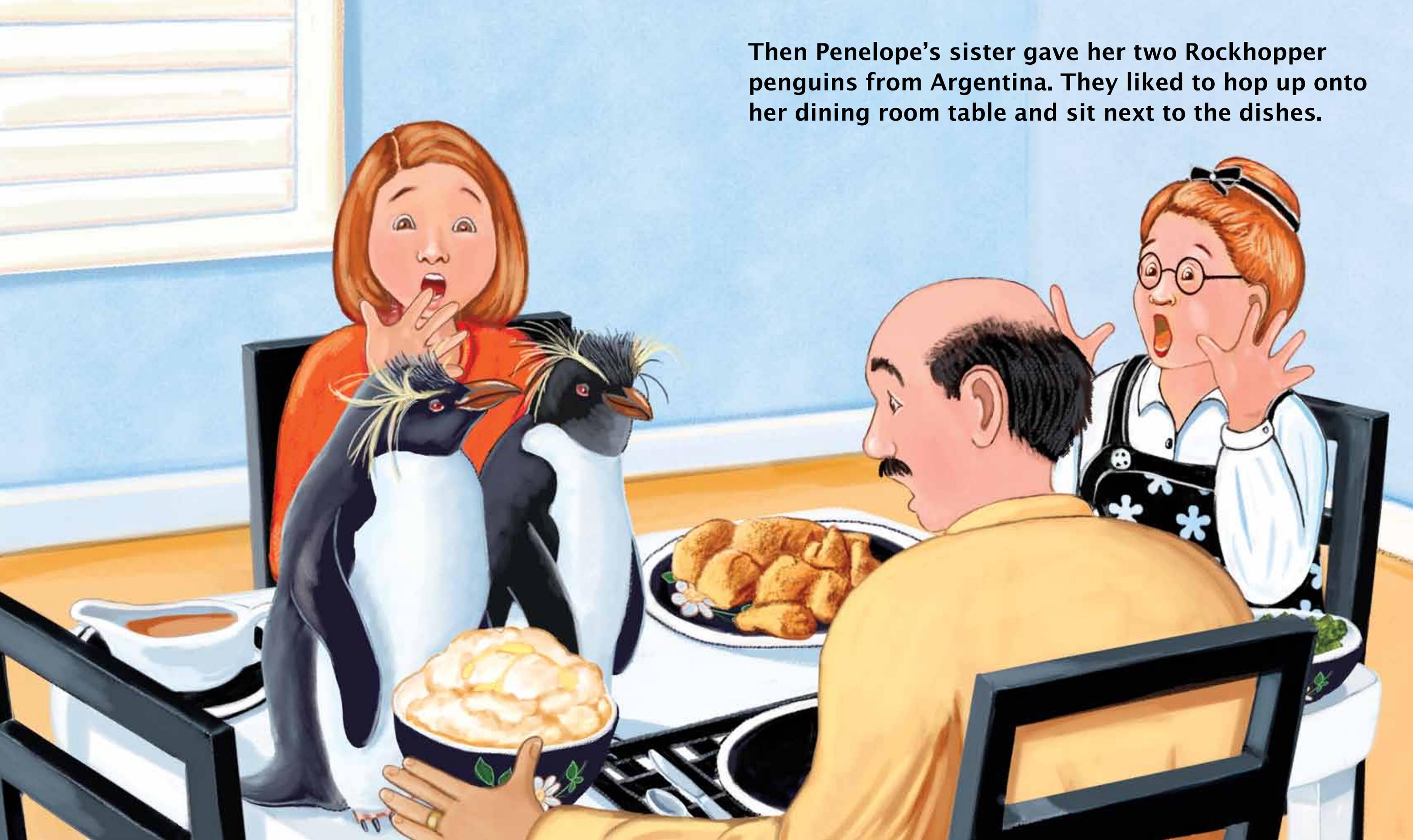
Penelope Parker lived on Penguin Place. She lived in a neat little white house with black trim. Short and stout, Penelope always wore her favorite colors: black and white. Penelope even waddled when she walked.



On her birthday, her brother sent her one penguin from the Galapagos Islands. The penguin walked all over the house, looking in all her closets, so Penelope kept him in the garage.



Then Penelope's sister gave her two Rockhopper penguins from Argentina. They liked to hop up onto her dining room table and sit next to the dishes.



One day Penelope opened her door and there were three Chinstrap penguins from Antarctica waddling across her front porch.

The local newspaper heard about them and sent a reporter to write a story about Penelope and the penguins. Her picture was on the front page of the newspaper.



For Creative Minds

The For Creative Minds educational section may be photocopied or printed from our website by the owner of this book for educational, non-commercial uses. Cross-curricular teaching activities, interactive quizzes, and more are available online. Go to www.ArbordalePublishing.com and click on the book's cover to explore all the links.

Compare and Contrast Penguin Adaptations

Just as there are many breeds of dogs, there are different species of penguins. How are these penguins alike and how are they different?

Penguins are birds. Their wings look like flippers but the motion is the same as that of other birds flying through the air. They actually “fly” through the water instead of the air!



Rockhopper

Even though penguins spend most of their time in the water, they breathe oxygen from the air. They come up to the surface to breathe.

Some dive deep for food and can hold their breath for up to 15 minutes (Emperor). Others (Royal or Chinstrap) can only hold their breath for a minute or two.



Adelie

Their bodies are torpedo shaped to glide through the water.

Penguins have light chests and dark backs to hide (a type of camouflage called counter-shading) in the ocean. If seen from below, their light chest is hard to see in the light coming from above. Their dark back is hard to see from above against the dark depths of the ocean.



King

If warm on land, they'll hold out their flippers to cool down. Some also have patches near their eyes with no feathers where heat can escape. They can also release heat through their feet!

If cold, they'll tuck flippers close to their bodies.

They have muscular control of their feathers and can raise (to cool down) and lower them (to warm up) at will.

They use their webbed feet to steer while swimming.

Their ears are small holes covered with feathers. Their ears are in the same general place as our ears would be. They use sounds to find their mates and their young in crowded rookeries.



Royal



Macaroni

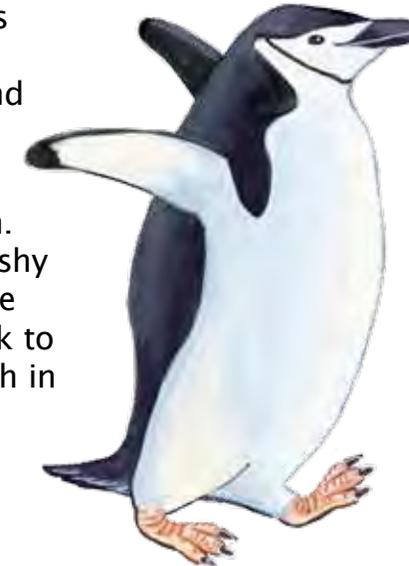
Penguins spend a lot of their time in the water but come onto ice or land to lay eggs and raise their young.

Penguins living in warmer climates nest in underground burrows, those in cooler climates make nests on the surface, and the largest (Emperor and King) penguins carry the eggs on their feet.

Penguin bills or beaks are used to catch and eat food and to defend themselves and their young.

They don't have teeth. Instead, they have fleshy spines on their tongue and inside of the beak to help keep slippery fish in their bills.

Penguins can see well in the water and on land.



Chinstrap

Penguin legs appear short because their body covers their legs almost to their ankles. That's why they waddle when they walk.

Most birds have light, hollow bones for flying. Penguins have heavy, dense bones for swimming.



African

All birds have feathers. Some penguins have 70-80 feathers per square inch to stay warm. Penguins that live in warmer climates have fewer feathers per square inch than penguins from colder climates.

The short feathers overlap.

The outer stiff part of the feather is waterproof.

The inner part of the feather is downy and traps warm air against the body—keeping the penguin warm in cold air and water.

A layer of fat under the feathers also provides some insulation.



Emperor



Galapagos



Little Blue



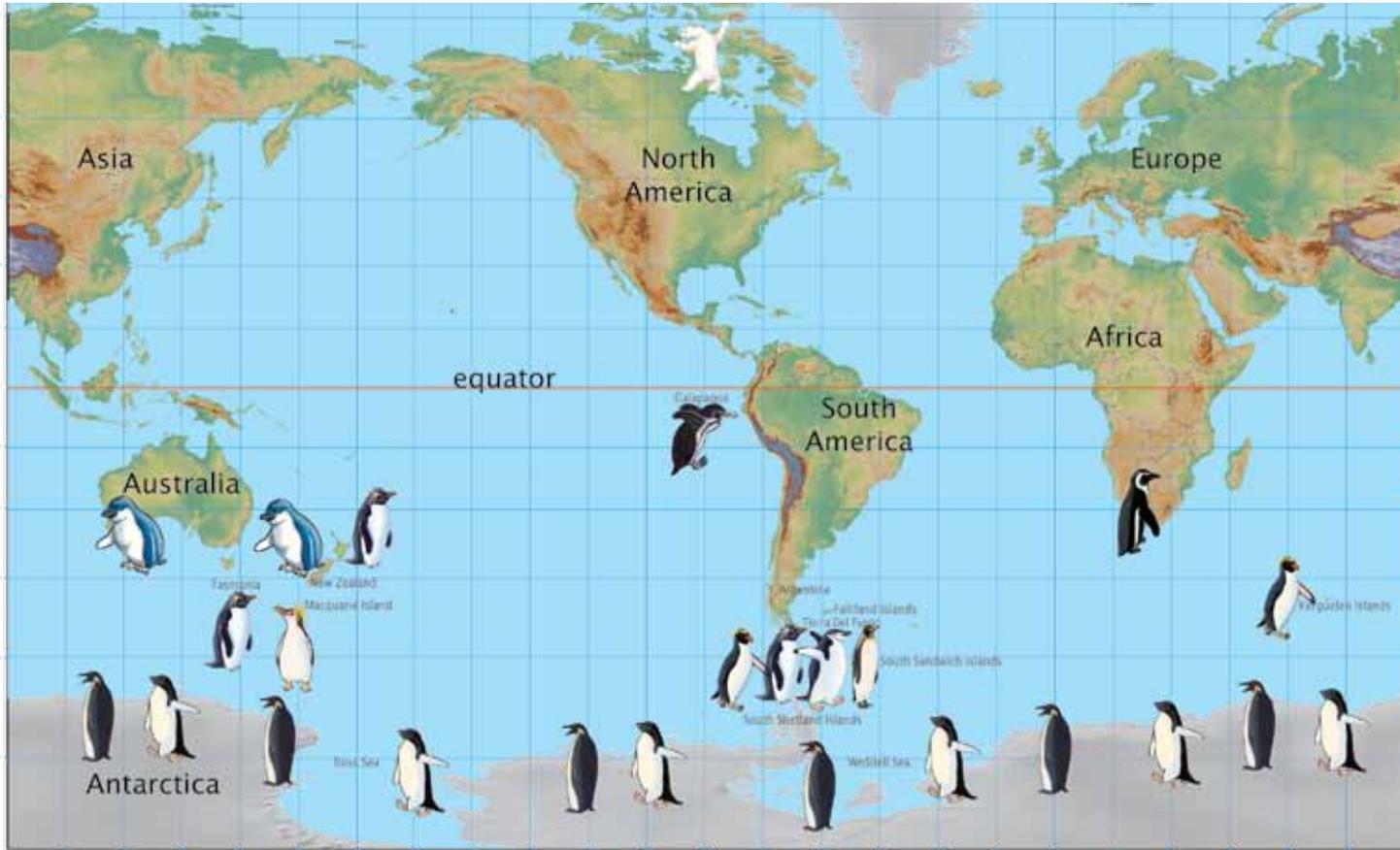
one square inch

While on land, penguins use their sharp toe nails to dig nests and help move. Some penguins hop, jump, or even slide on their tummies to move!

Penguins of the World: True or False Questions

Which statements are true and which are false? Answers are upside down, below.

1. Polar bears are the biggest predator of most penguins.
2. Penguins only live in the southern hemisphere.
3. Some penguins live near the equator (shown as a red line on the map).
4. Some penguins live in Southern Africa.
5. Wild penguins live along rivers in North America.



(1) False: Penguins only live in the southern hemisphere and polar bears only live in the northern hemisphere. They would never be in the same habitat. (2) True; (3) True; (4) True: The Galapagos penguins live near the equator. (5) True: African penguins do; 5: False: Penguins are only native to the southern oceans and around the coastlines of Antarctica, South America, South Africa, Namibia, New Zealand and Australia.

It isn't possible for individuals to have penguins as pets. You can help threatened or endangered penguins (and other animals) by "adopting" one with a donation to one of the many zoos, aquariums, or conservation programs that are working to care for these animals. Find more information and more learning activities on the book's homepage at www.ArbordalePublishing.com and click on the book's cover.

Hands On: How Tall Are Penguins?

type of penguin	inches	centimeters
Adelie penguin	20	51
African penguin	27	69
Chinstrap penguin	29	74
Emperor penguin	42	107 (1.1 m)
Galapagos penguin	21	48
King penguin	35	89
Little Blue penguin	10	41
Macaroni penguin	28	71
Royal penguin	27	69
Rockhopper penguin	21	53

What measuring tool will you use?

How tall are you? Are there any penguins about your height?

Using yarn or string, measure and cut lengths to the size of each penguin and label them. If desired, go to the book's teaching activities (www.ArbordalePublishing.com and click on the cover) to print and cut out penguin cards. Use the yarn to compare penguin sizes.

Find objects that are the same approximate height or length as the penguins. Can you put those objects in order by size?

How would you describe the penguins?

tall, taller, and tallest
short, shorter, shortest
big, bigger, biggest
small, smaller, smallest



Thanks to illustrator Laurie Allen Klein for the use of her polar bear image from *Fur and Feathers*.

Thanks to Jean Pennycook, Penguin Education Specialist at Penguin Science; Heather Urquhart, Penguin Exhibit and Collection Manager and Erin Graichen, Education Programs Assistant at the New England Aquarium; and Tricia LeBlanc, Director of Education & Volunteers, at the Audubon Aquarium of the Americas for reviewing the For Creative Minds section for accuracy.

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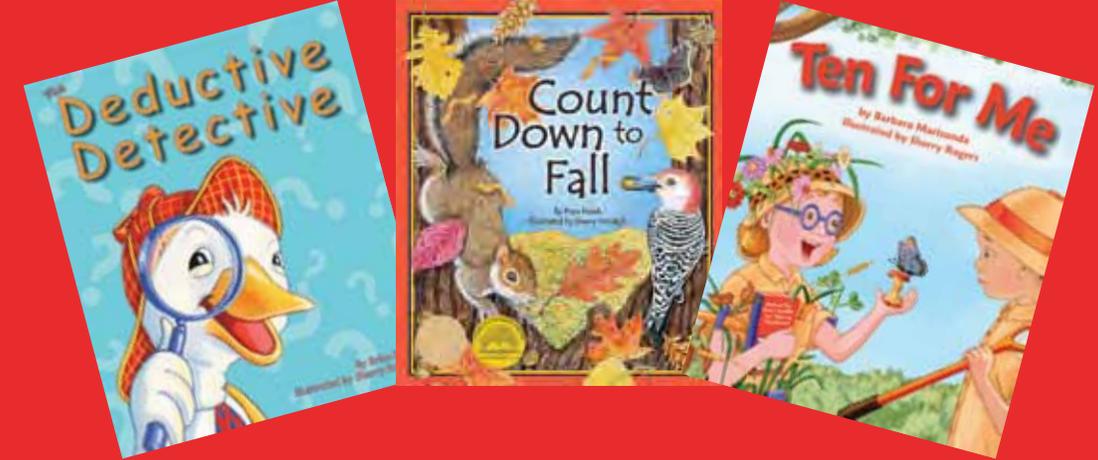
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