



Journey with a mother and her two cubs as they emerge from hibernation to explore the changing landscape.

What's Included:

- Home to the Ice!
- How Do They Do It?
- A Snowy Scramble!
- Frozen Facts!

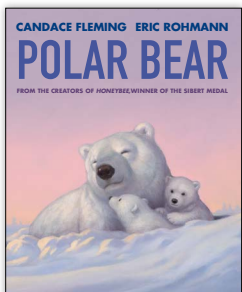
MEET THE CREATORS!



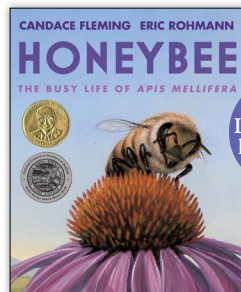
CANDACE FLEMING is the author of more than thirty distinguished books for children and young adults including *Giant Squid*, *Honeybee: The Busy Life of Apis Mellifera* (Sibert Medal Winner and Orbis Pictus Honor Book), *Cubs in the Tub: The True Story of the Bronx Zoo's First Woman Zookeeper*, and *The Tide Pool Waits*. Her book for older readers, *The Rise and Fall of Charles Lindbergh*, received the YALSA Award for Excellence in Nonfiction. She lives in Chicago, Illinois.



ERIC ROHMANN is the award-winning author and/or illustrator of many beloved books for children, including the aforementioned *Giant Squid* and *Honeybee*. He received a Caldecott Honor for *Time Flies* and a Caldecott Medal for *My Friend Rabbit*. He also lives in Chicago, Illinois.



Polar Bear
by Candace Fleming
illustrated by Eric Rohmann



Learn about
honeybees!

Honeybee
by Candace Fleming
illustrated by Eric Rohmann

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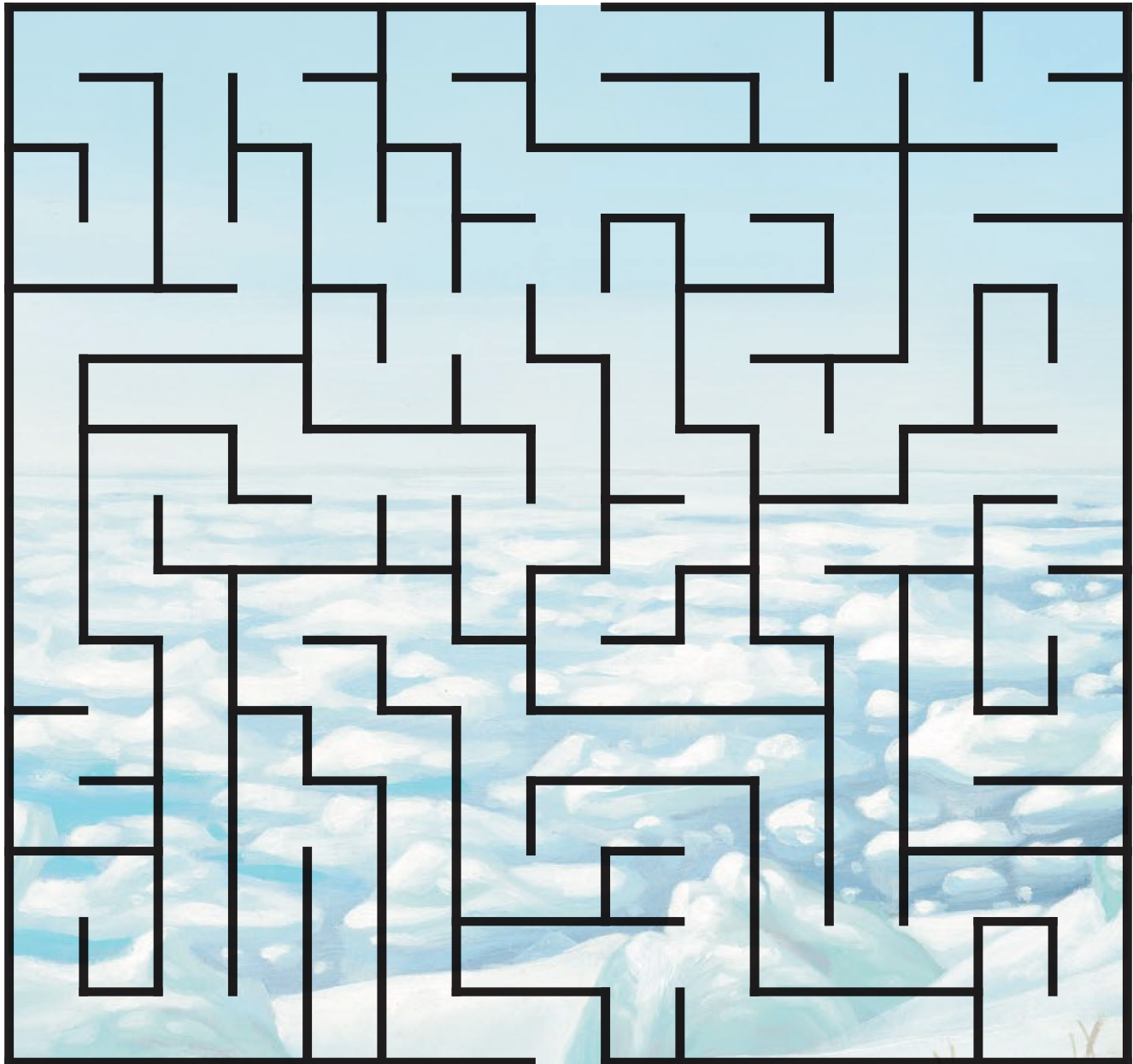
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HOME TO THE ICE!

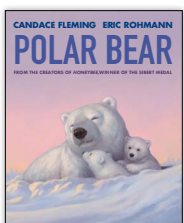
These three are a long way from home and it is easy to get lost!
Help them make it back to the icy shores just in time for winter.



Start



Finish



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HOW DO THEY DO IT?

It's not always easy staying warm in a cold winter. You have to wear sweatshirts, coats, pants, gloves, hats, and scarves—so many layers! Polar bears and other arctic animals have to stay warm too, except they don't just throw on a jacket and hat before venturing into the ice and snow. Under all of their fur, there are layers of fat called blubber. This blubber helps them store heat so they can live through the winter without freezing.

Want to know what having blubber might feel like?
Ask an adult to help you with the following experiment!

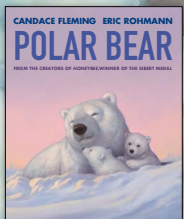


YOU WILL NEED:

- A bowl of ice water
- Disposable gloves
- Vegetable shortening
- Plastic wrap

DIRECTIONS:

1. Before you do anything, place your bare hand in the bowl of ice water. Too cold, right?
2. Now, put on one of the disposable gloves and grab a handful of the vegetable shortening.
3. Wrap your handful of shortening in plastic wrap (less mess to clean up later!).
4. Put your hand back into the bowl of ice water.
5. The ice water doesn't feel as bad now! This is the same effect blubber has for arctic animals, which is why Mother polar bear and her cubs can dive into the ice-cold water.



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A SNOWY SCRAMBLE!

See how many words from the story you can unscramble!



U B S C

E D N

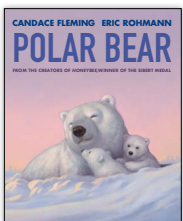
N F E Z O R

L B B E B U R

F N S I F



Answers:
CURBS
DEN
FROZEN
BLUBBER
SNIFF



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FROZEN FACTS!

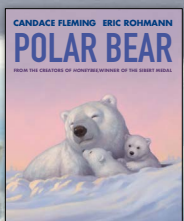
Try to fill in the blanks with answers from “A Few Cool Facts” at the end of the book. See how much you remember, and how much more you learn!



1. Polar bears are born with _____ skin before it turns black by their first birthday.
2. Polar bears can run up to _____ miles per hour.
3. A group of polar bears is called a _____.
4. Polar bears hydrate by drinking water and eating _____ blubber.
5. Polar bears are the _____ predators of the Arctic. This means they have no natural enemy that seeks them as prey.

5. apex
4. seal
3. sleuth
2. 30
1. pink

Answers:



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