

Paws, Claws, Hands, and Feet

By Kimberly Hutmacher
Illustrated by Sherry Rogers

Paws, Claws, Hands, and Feet

Get off on the right foot! Join the animals in their foot-frolicking fun: running, jumping, leaping, and hopping; and then resting, just like the critters and creatures featured in Kimberly Hutmacher's *Paws, Claws, Hands, and Feet*. Go along on the exciting dream journey from morning to night, using hands and feet just like squirrels, monkeys, rats, spiders, frogs, penguins, elephants, lions, kangaroos, pandas, and eagles. Travel to the lush jungle, the African savannah, Australian outback, and to the frozen Antarctic. Finally, as the sun sets, snuggle beneath the covers and snooze, with recollections of animals at play, inspired by the imaginative illustrations of Sherry Rogers. After all, even the wild things need some time to rest after a day of fast-footed play!

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):
 - Paws, Claws, Hands, & Feet Matching Activity
 - Hands and Feet: What are they good for?
 - Comparing animal hands and feet
 - Paws, Claws, Hands, & Feet Adaptations
- Teaching Activities:
 - Reading Questions
 - Language Arts
 - Science
 - Mathematics
 - Geography
 - Coloring Pages
- Interactive Quizzes: Reading Comprehension, For Creative Minds, and Math Word Problems
- English and Spanish Audiobooks
- Related Websites
- Aligned to State Standards (searchable database)
- Reading Counts! Quiz
- 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 Andrea Smith, Curator of Education at the Lee Richardson Zoo in Kansas, for verifying the accuracy of the information in this book.

Kimberly Hutmacher has written numerous pieces of fiction, nonfiction, and poetry for children's magazines and anthologies. She has also written three eBooks for the educational website "A to Z Kid's Stuff" and served as poetry editor for *Wee Ones Magazine* for two years. Kimberly has homeschooled her three children for several years, and they have a huge love and curiosity for science. A few years ago, when gathering material for a science lesson on how animals use their appendages, Kimberly had a difficult time finding material geared toward preschool and early elementary students. The seed was planted, and she set out to write her own book that would present the materials in a lively and engaging way for younger audiences. The result was her first picture book, *Paws, Claws, Hands, and Feet*. Kimberly lives in Illinois.

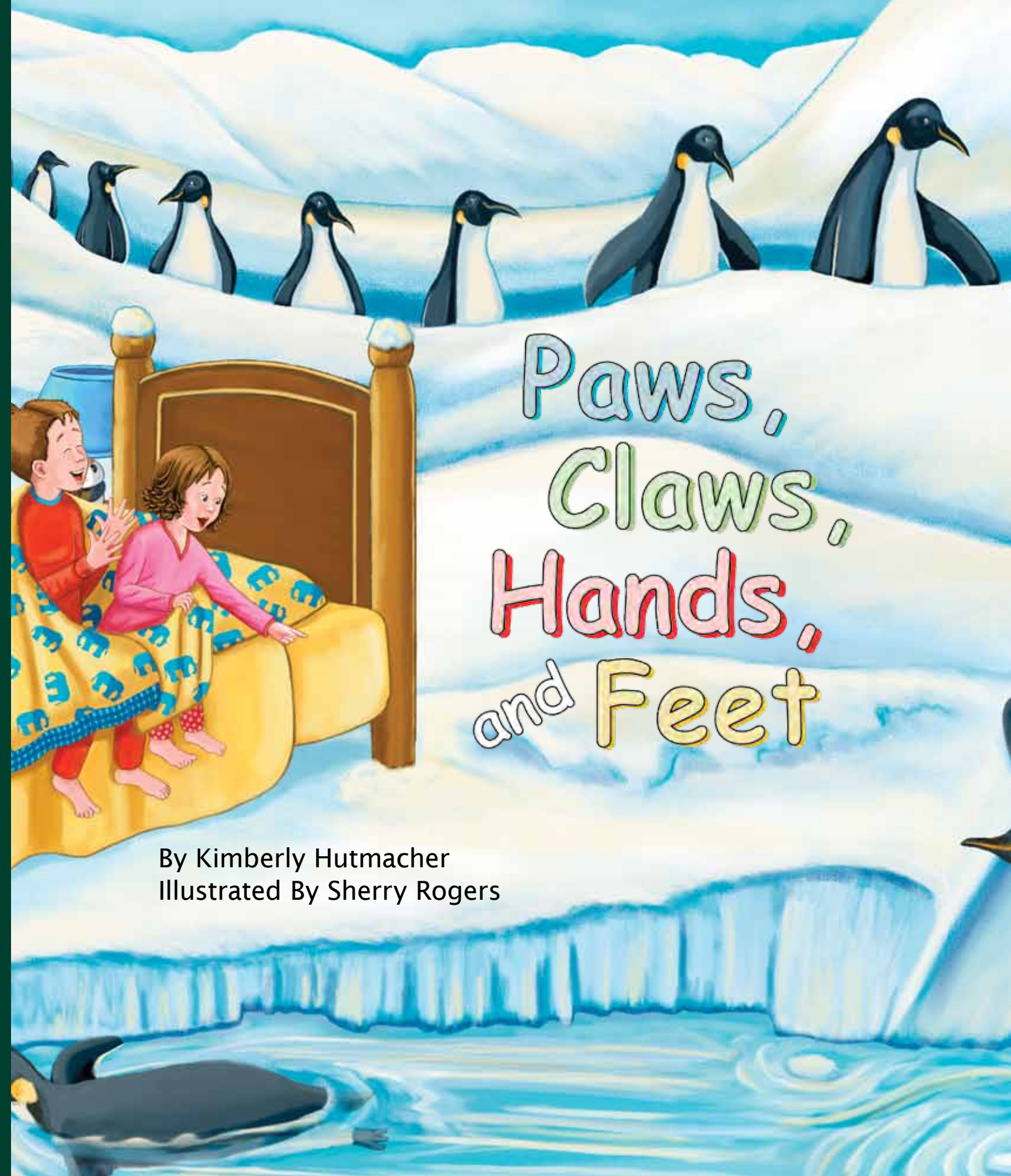
Sherry Rogers spent 12 years as a corporate graphic designer and artist before "leaving it all behind" for the freelance world. Sherry has illustrated *Ten For Me; Hey Diddle Diddle; Newton and Me; Paws, Claws, Hands, and Feet; Moose and Magpie; Sort It Out!; Kersplatypus; Burro's Tortillas*; and *If You Were a Parrot* for Arbordale. Sherry, her husband, and two children live in Northern California.



Kimberly Hutmacher



Sherry Rogers

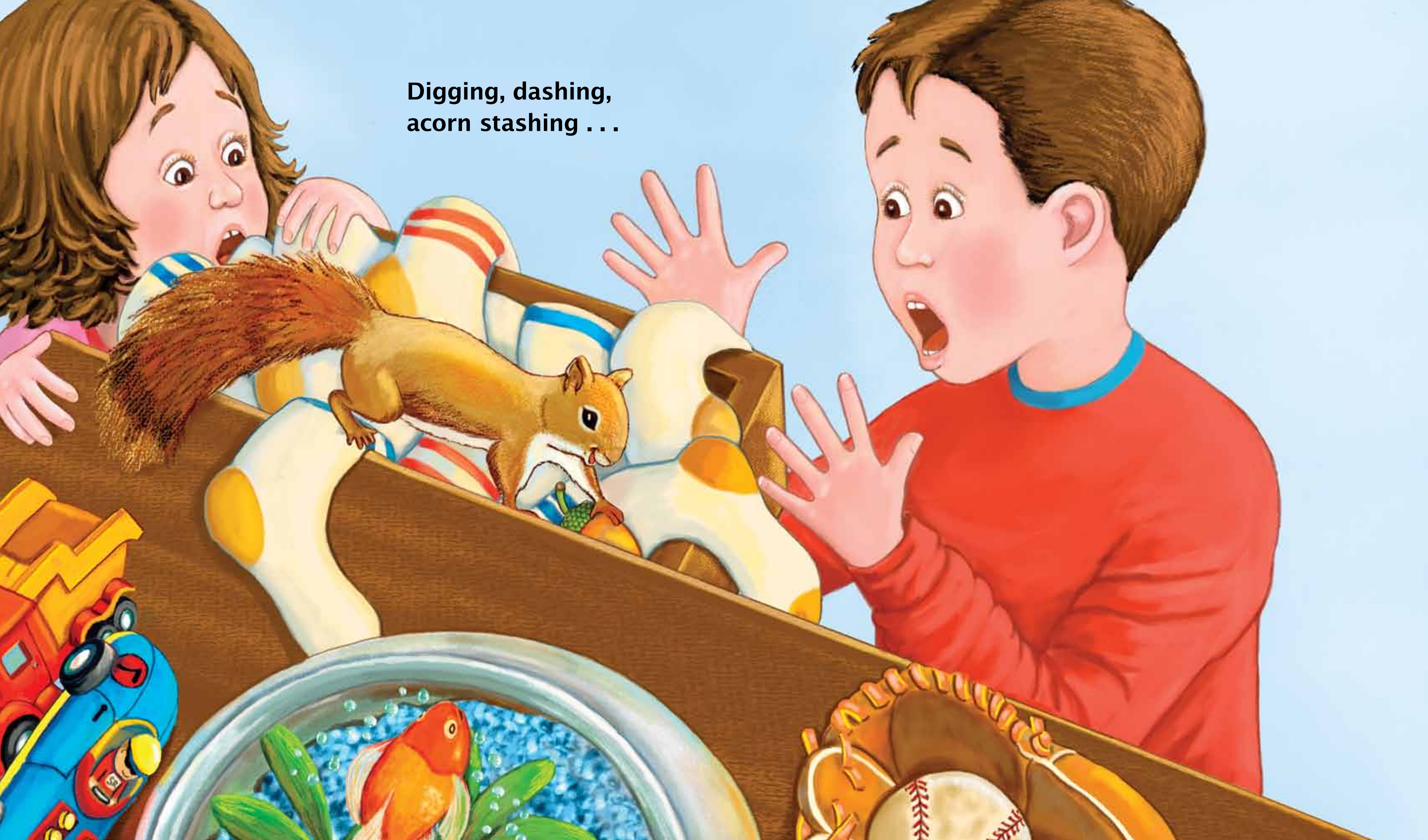


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**Waking, shaking,
feel the beat,
paws, claws,
hands, and feet . . .**

Digging, dashing,
acorn stashing . . .





Curling, clinging,
tree branch swinging . . .

Prowling, peeking,
crumbles seeking . . .



Spinning, swooping,
picture looping . . .

For Creative Minds

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Paws, Claws, Hands, and Feet Matching Activity

Solve the riddle and match the information to the animals' paws, claws, hands, or feet. Answers are upside down on the bottom of the next page.

1 This familiar backyard animal with a bushy tail has five toes on its hind feet and four toes with strong claws on its front feet. It can run but not very fast. It relies on agility for climbing trees, jumping, and hiding to escape enemies. To cool itself off, it sweats from the pads of its feet! You may see little wet footprints on a hot day.

2 This small rodent has sharp claws attached to short, stubby legs. It uses the claws to forage for food and can move very fast.

3 This huge mammal's feet are large and well padded to help it walk quietly. Each foot has five toes, but we can only see the three toes that have toenails. The feet and columnar legs help this very heavy animal stand for long periods of time.

4 This reptile carries protection on its back. Some people believe this shell can be taken off, but that is not true — the spine is connected to the inside of the shell. Short, stumpy, muscular legs support its heavy body, and claws on its feet allow this animal to dig in all types of soil.



5 Just like all types of cats, this cat scratches for a variety of reasons: to mark its territory, to defend itself, and to snag prey. Its padded feet help it walk quietly when hunting prey.

6 This flightless, aquatic bird's wings are shaped like flippers to swim in the water. It uses its feet to steer in the water and to waddle on land. Some types of these birds do not have nests. Instead, the dads guard the eggs by holding them on top of their feet in a little, warm pouch.

7 This Australian marsupial's large feet and z-shaped legs help it jump. The tail provides balance for jumping forward, rather than upward. Its arms are very short; both the front and back feet have claws.

8 The hands of this giant bear (that's a hint) have five claws plus a special "thumb" that is actually part of its wrist bone. It uses this special thumb to hold on to the bamboo while eating.

9 Like most birds of prey, this bird uses talons to catch and hold onto prey. Wings are its equivalent of arms. An adult wingspan (from the tip of one wing to the other wing) can be six to eight feet. How does that compare to how tall you are?

10 This primate has "opposable thumbs" on both its hands (like we do) and feet. It uses its hands and feet to hold onto things like tree branches and food.



Answers: 1d, 2b, 3a, 4c, 5f, 6h, 7j, 8g, 9i, 10e

Hands and Feet — what are they good for?

Your feet

How many feet do you have?

How many toes do you have on each foot?

Are your toes the same length?

Think of things we do with our feet.

Can you pick up something with your toes?

What part of your foot touches the ground first when you walk or run?

Can you stand on your toes?



Your hands

How many hands do you have?

How many fingers do you have on each hand?

What do you notice about your thumbs?

Can you cut a piece of paper with scissors without using your thumb?

Try picking something up and holding it without using your thumb!



Do all animals have feet?

How are the animals' feet similar to or different than your feet?

If an animal doesn't have any feet, how does it move?

How do some animals use feet to move?

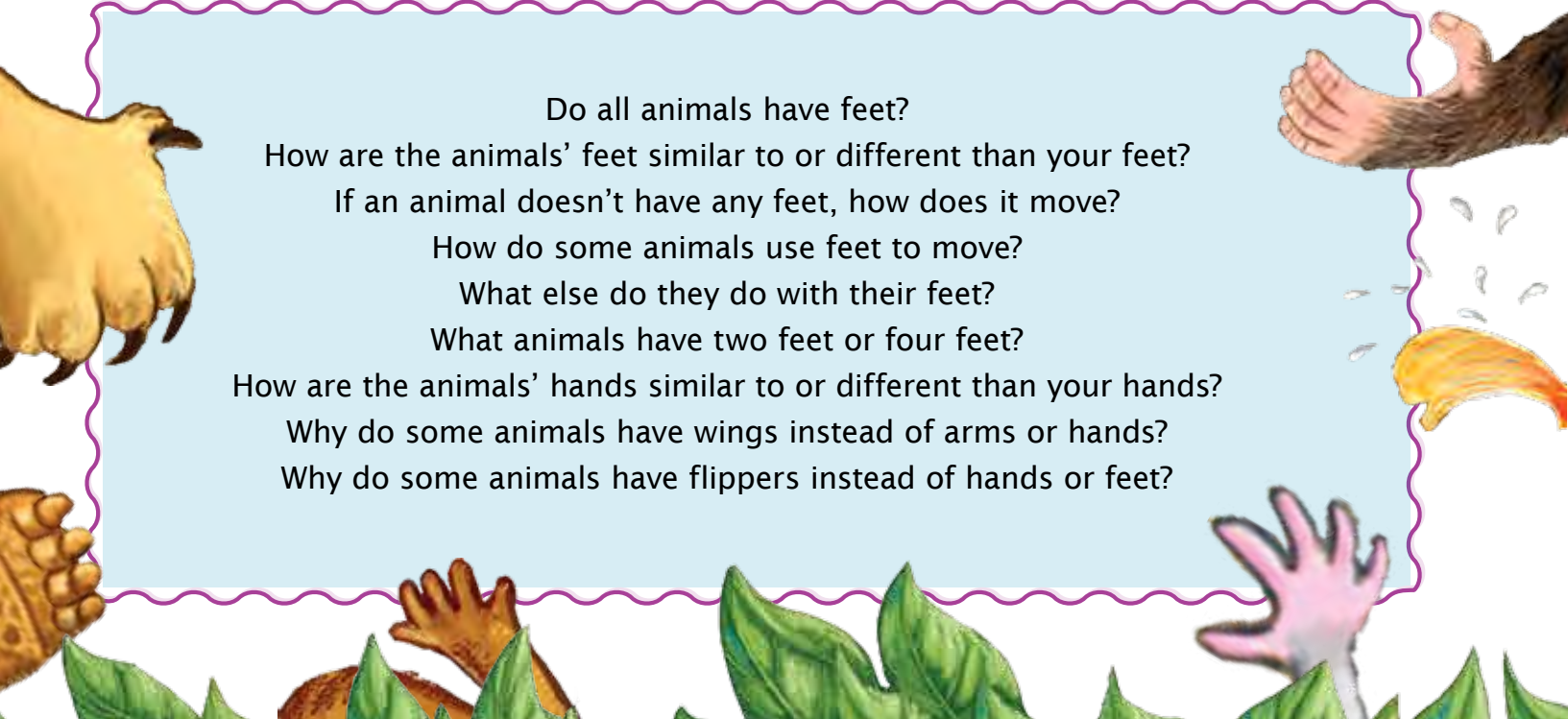
What else do they do with their feet?

What animals have two feet or four feet?

How are the animals' hands similar to or different than your hands?

Why do some animals have wings instead of arms or hands?

Why do some animals have flippers instead of hands or feet?



Paws, Claws, Hands, and Feet Adaptations

Match the paws, claws, hands, and feet to the adaptations for which they are used:

1.  claws

2.  opposable thumb

3.  talons

4.  long hind feet

5.  padded paws

6.  webbed feet

A. walking quietly to catch prey

B. grabbing prey

C. jumping

D. swimming

E. climbing and digging

F. holding things

What other animals do you know that have similar paws, claws, hands, or feet as those above?

To Ron, Madison, Nicholas, and Sophia- my biggest fans!—KH

To my Aunt Mary and Aunt Callie who always welcomed me with open arms, unconditional love, and made me feel very, very special—SR

Thanks to Andrea Smith, Curator of Education at the Lee Richardson Zoo, (Kansas) for verifying the accuracy of the information in this book.

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