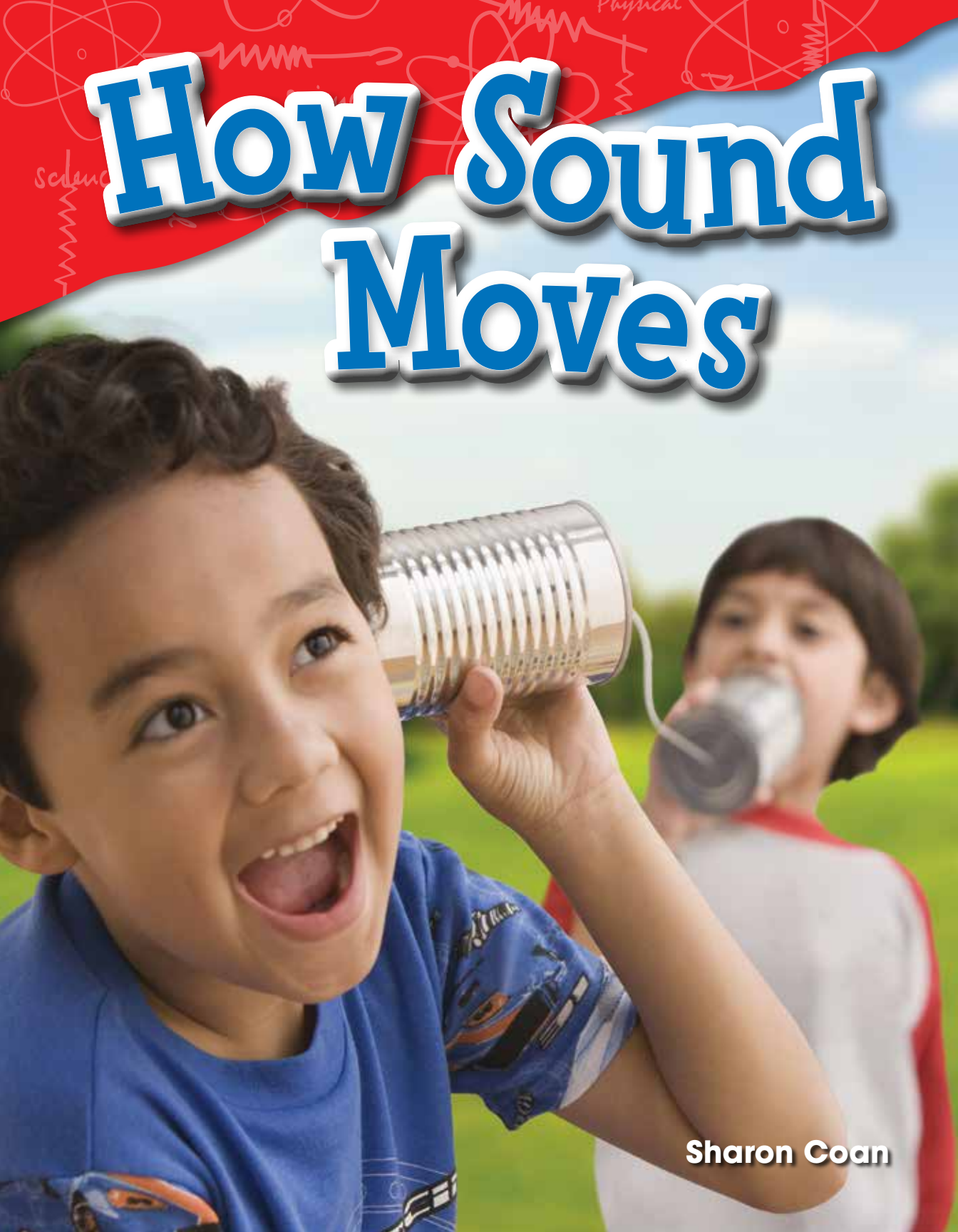
How Sound Moves



Sharon Coan

For teachers' inspection ONLY

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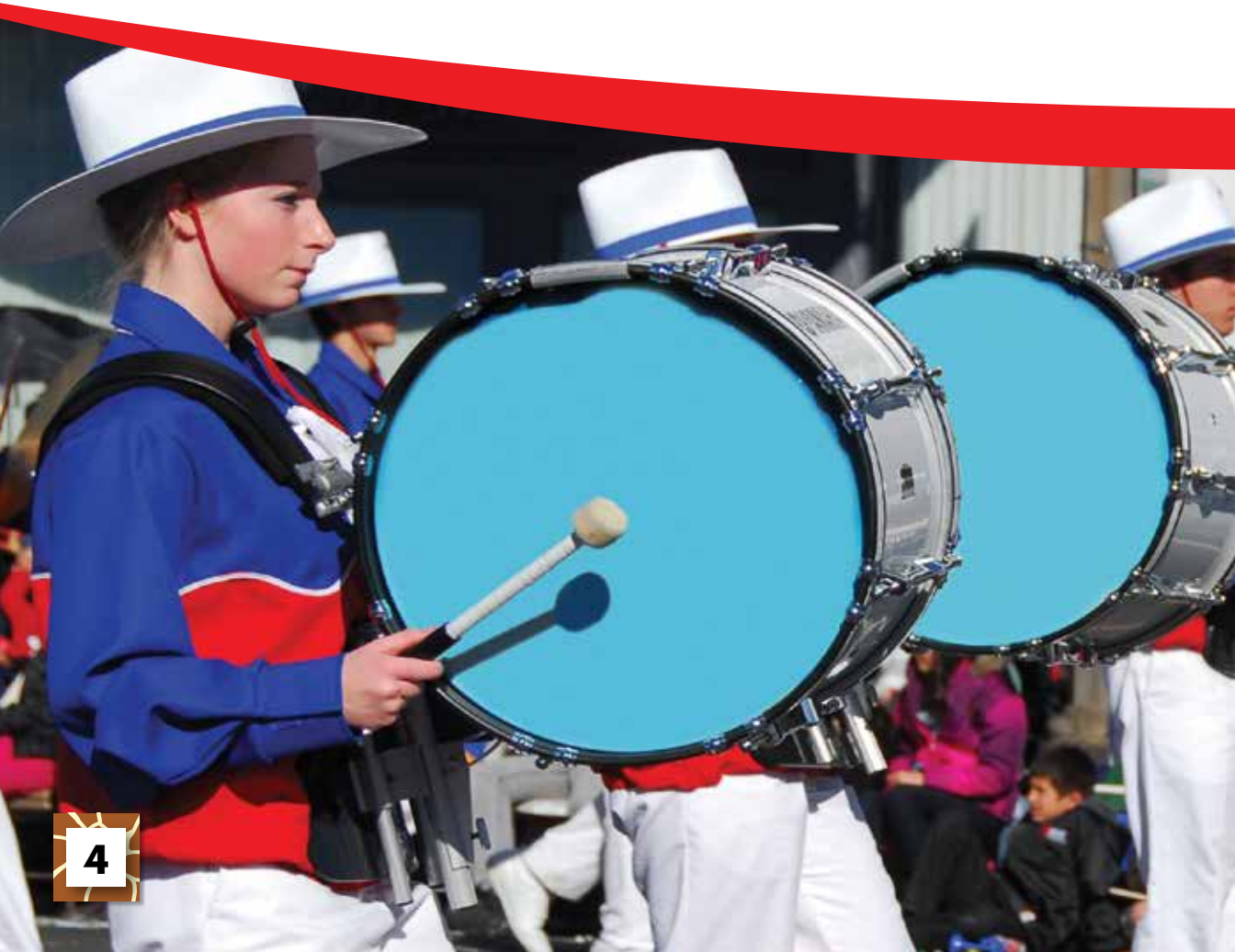
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Boom! Boom! Boom!

You hear the booming noise of a deep drum.



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How does the sound reach you, and how do you know what it is?



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Sound Waves

A drummer hits a drumstick against a **drumhead** to make it **vibrate** (VAHY-breyt).



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To vibrate is to move back and forth quickly.



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Let's Do Science!

How is sound made? Try this and see!

What to Get

- ❍ a round container, such as a cookie tin, a bucket, or a large can
- ❍ masking tape
- ❍ pencil
- ❍ scissors
- ❍ tissues



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What to Do

1. Tightly stretch strips of tape across the top of the container. Cover it with two layers of tape.



2. Wrap tissue around the end of a pencil. Tape it in place.



3. Gently hit the tape with the pencil. What do you hear? What do you see?



4. Place your hand on the container after you hit it. What do you feel?

