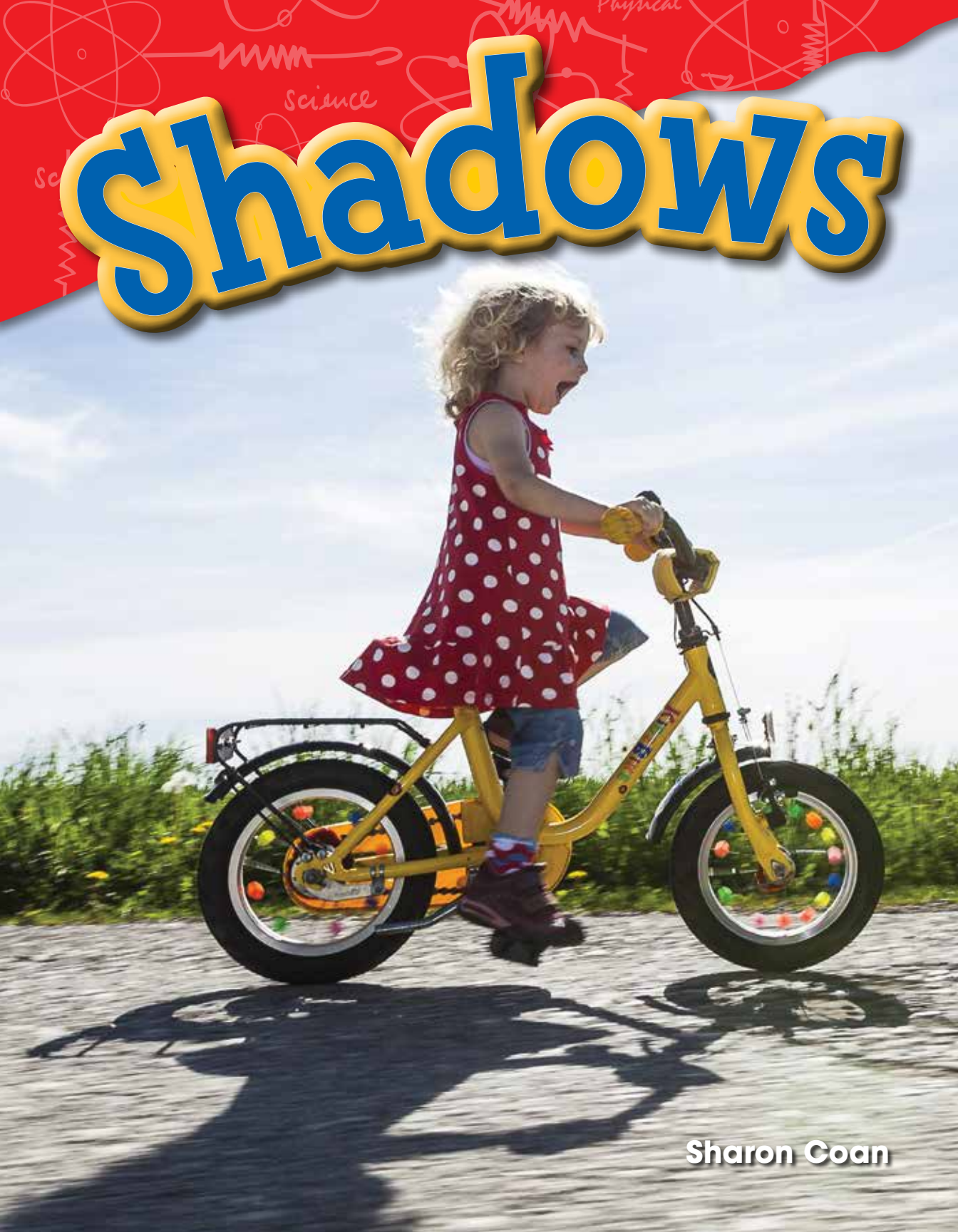
Shadows



Sharon Coan

For teachers' inspection ONLY

Table of Contents

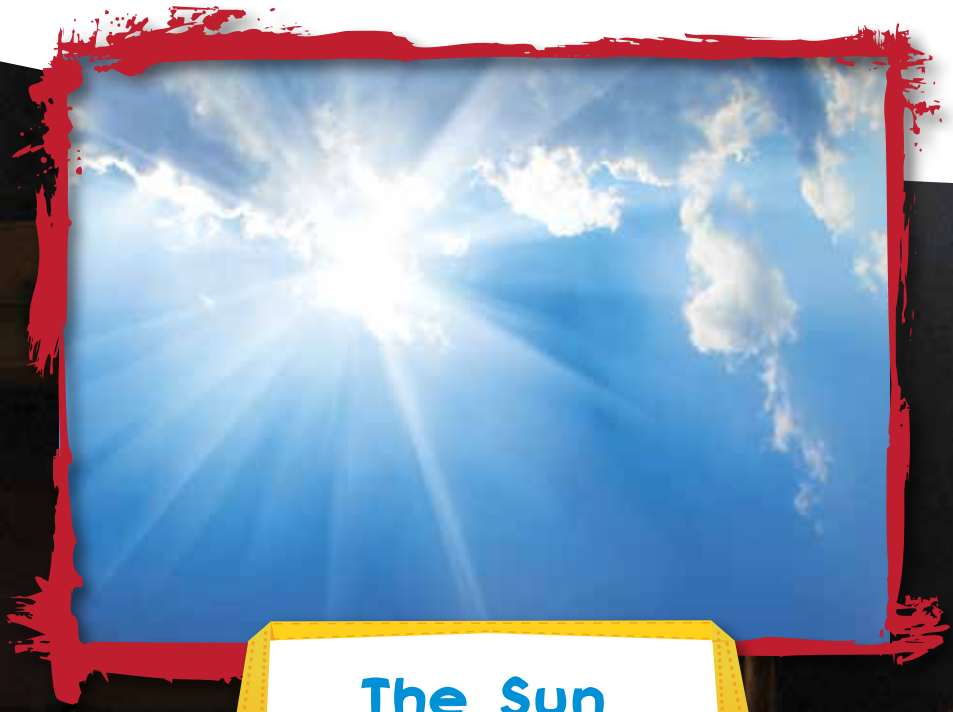
Good Morning! 4
Shadows Are Everywhere 10
Good Night! 18
Let's Do Science! 20
Glossary 22
Index 23
Your Turn! 24



For teachers' inspection ONLY

Good Morning!

The sun rises.



The Sun

The sun is a star. It gives us light and heat.

For teachers' inspection ONLY

Its **light** comes in my window.



For teachers' inspection ONLY

It **shines** on me.



For teachers' inspection ONLY

But it cannot shine through me.



For teachers' inspection ONLY

LetÕs Do Science!

How does moving a light source affect a shadow? Try this and see!

What to Get

- flashlight
- object to make a shadow
- paper and pencil



For teachers' inspection ONLY

What to Do

1. Place your object on a table. Darken the lights in the room where you are working.



2. Shine the flashlight on your object from different directions. What do you see?



3. Can you make the shadow long or short? Can you move the shadow to a different side?



4. Draw pictures to show your work. Show how the light shines on the object. Look at all your pictures. What do you notice?

