

# PEEP and the Big Wide World™

## Explore Shadows with Your Child

### Searching for Shadows

**Go outside on a sunny day with your child.** Ask: *Where is your shadow? What other shadows can you see?* Hop, dance, and do silly walks together. Watch how your shadows move.

**Take a walk with your shadows.** Notice what happens to your shadows when they fall on a wall, some steps, or a bench.

**Compare shadows at different times of day.** Help your child notice the shape and size of shadows in the early morning, noontime, and late afternoon. Ask your child to describe his or her shadow: *How is your shadow like you? How is it different? How did your shadow change during the day?* You might want to draw chalk outlines of your child's shadow at different times of the day.

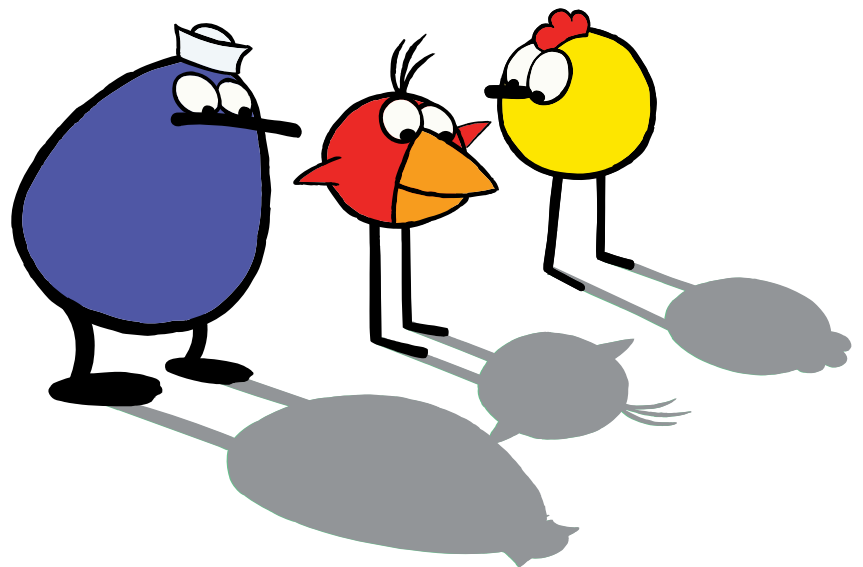
### Shadow Theater

**Turn on a lamp or flashlight** in a darkened room. Have your child join you in moving your hands in front of the light and watching the shadows on the wall. Ask your child: *How can you make your shadow bigger? Smaller? What shadow shapes can you make with your hands?*

**Put on a shadow play!** Use your hands to make shadows that look like a flapping bird, a quacking duck, or a running spider. Or use toys and household objects as shadow puppets. You can also make shadow puppets out of paper—cut out shapes and tape them to the top of a ruler, drinking straw, or unsharpened pencil.

**Watch Peep and the Big Wide World** on public television stations around the country and on our Web site, [peepandthebigwideworld.org](http://peepandthebigwideworld.org), where you'll also find online games, family science activities, and much more.

*Peep and the Big Wide World*—hatching new scientists every day!





# Learn More about Shadows

## Read and Find Out!

Visit your library and look for these books. Ask your librarian for additional recommendations.

### **Guess Whose Shadow?** by Stephen R. Swinburne Boyd's Mills Press, 1999

Shadows come in all shapes and sizes. This book invites the reader to guess the objects that make the mysterious shadow shapes.



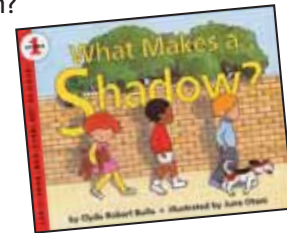
### **Nothing Sticks Like a Shadow** by Ann Tompert Houghton Mifflin Company, 1988

Can Rabbit escape his shadow? "I can if I want to," says Rabbit. "Oh no, you can't," says Woodchuck. The bet is on. Who will win?



### **What Makes a Shadow?** by Clyde Robert Bulla HarperCollins Publishers, 1994

This "Let's-Read-and-Find-Out Science" book encourages children to explore and have fun with shadows both indoors and outdoors.



## Click and Explore!

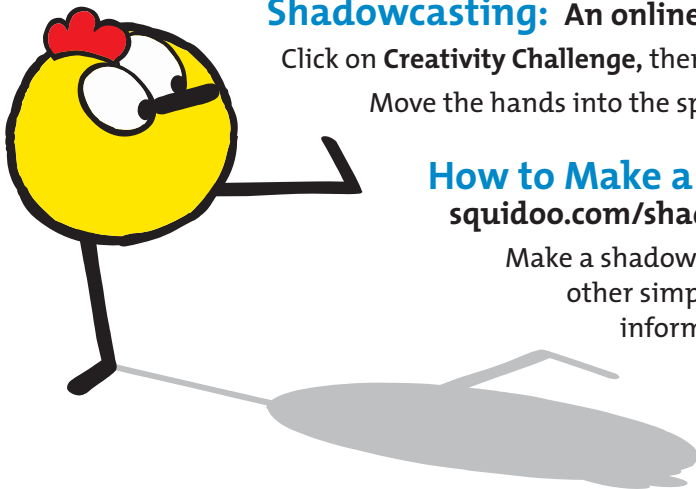
### **Shadowcasting:** An online activity [pbs.org/parents/creativity](http://pbs.org/parents/creativity)

Click on **Creativity Challenge**, then choose **Shadowcasting**.

Move the hands into the spotlight. What kinds of hand shadows can you make?

### **How to Make a Shadow Puppet Theater** [squidoo.com/shadow-puppet-theater](http://squidoo.com/shadow-puppet-theater)

Make a shadow puppet theater using a cereal box and other simple materials. You'll also find links and other information about shadows and shadow puppetry.



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