

WONDER TOGETHER • 13

Can soap move pepper?

A tiny touch.
A surprising change.



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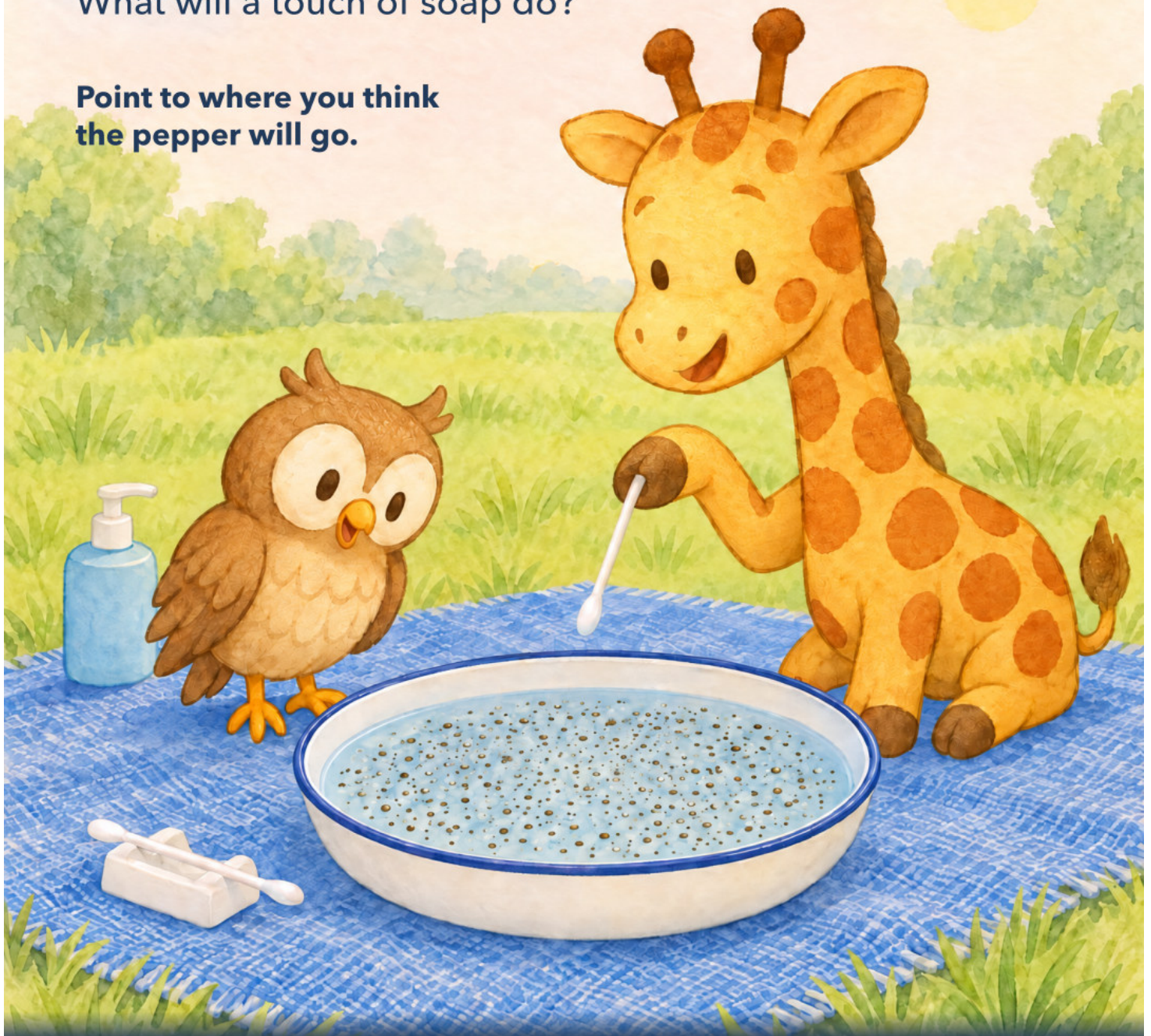
01 / 07

GUESS BEFORE YOU SWIPE

Stay or scatter?

The pepper rests on water.
What will a touch of soap do?

**Point to where you think
the pepper will go.**

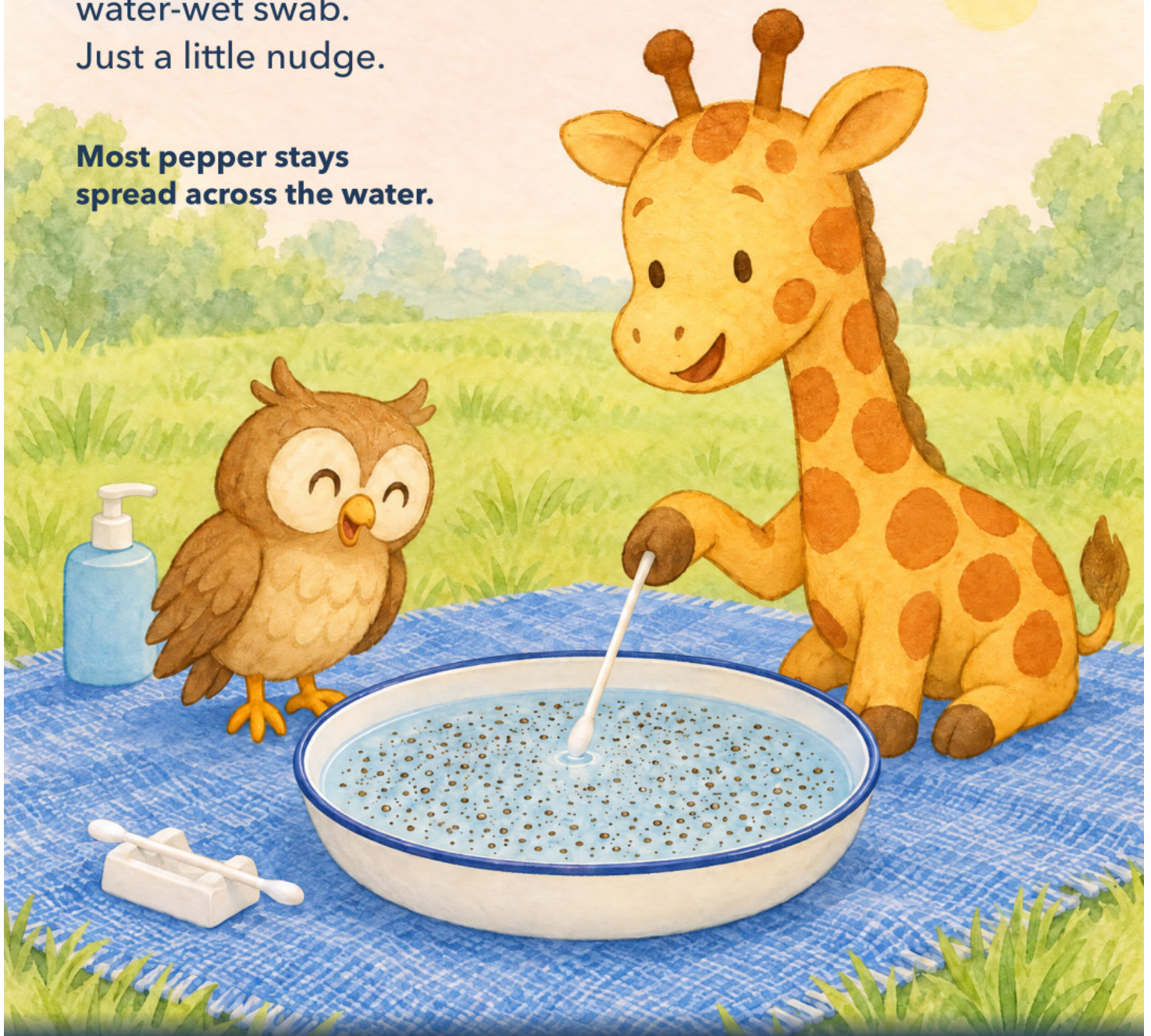


FIRST: PLAIN WATER

A gentle touch.

Gina tries a clean,
water-wet swab.
Just a little nudge.

**Most pepper stays
spread across the water.**



NOW: A TINY DAB OF SOAP

There it goes!

A fresh, soapy swab
touches the middle.
Pepper moves outward.

**Same bowl. Same water.
This time, soap.**



THE PART TO REMEMBER

Soap changes the surface.

Water's surface pulls together.
Soap weakens that pull where it touches.



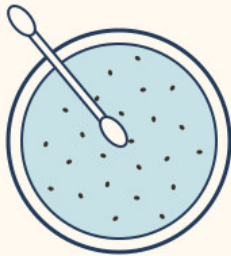
Moving water carries the pepper.

TRY IT TOGETHER

Try the tiny touch.

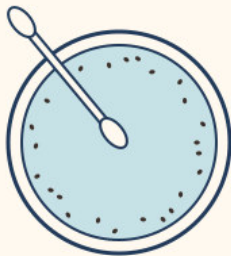
With an adult: a clean plastic bowl, water,
ground black pepper, dish soap, two cotton swabs.
Add shallow water. Let it settle.
Adult sprinkles a little pepper.

1



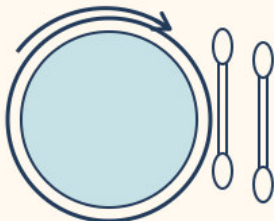
Touch the middle gently with
a clean, water-wet swab.
Do not stir. What happens?

2



Use a fresh swab with a
tiny dab of dish soap.
Touch the middle gently.

3



RINSE + REFILL

Rinse well. Start again with
fresh water, pepper
and fresh swabs.

What changed between the two touches?

Adult handles pepper and soap.
No blowing, sniffing or tasting.
Keep from eyes and mouths. Wash hands.

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06 / 07

KEEP EXPLORING TOGETHER

Water has more surprises.

Share another water adventure:
Where Did My Water Go?



Parents: read together in Kiddos Books.

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07 / 07