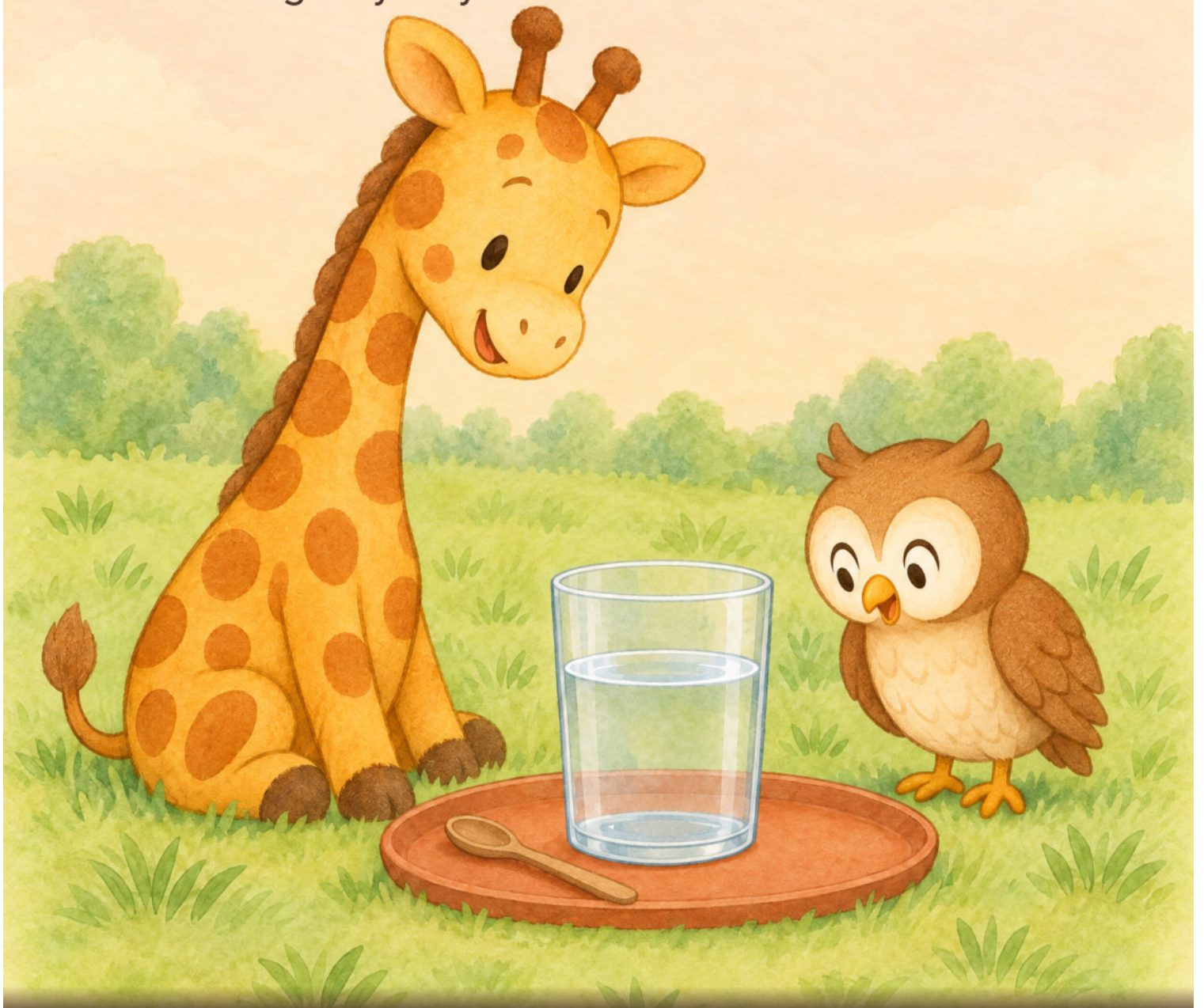


Where did the sugar go?

A little stir.

A see-through mystery.



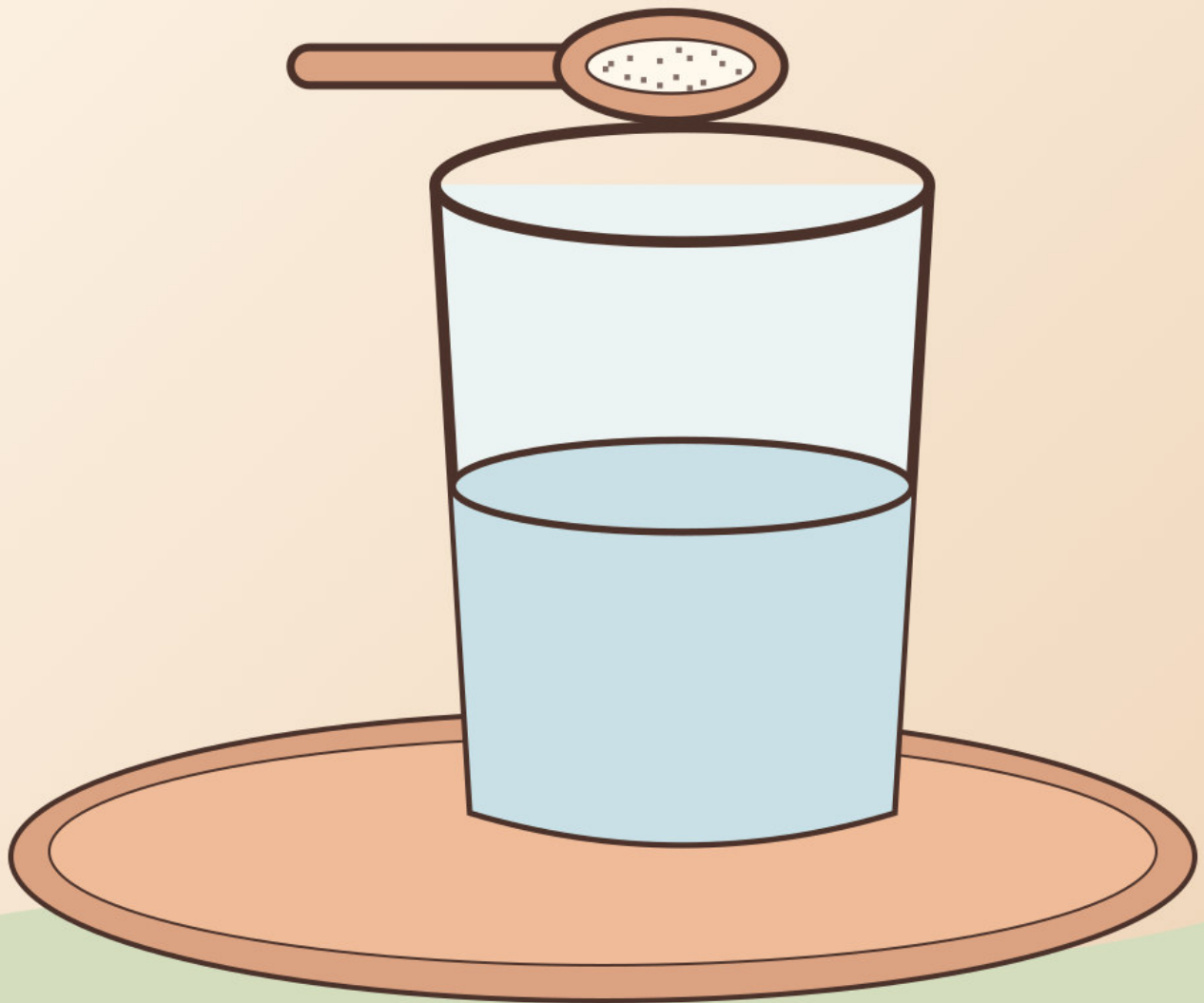
GUESS BEFORE YOU SWIPE

Will we still see the grains?

Gina has a little sugar.

What will happen in water?

Make a guess together.



LET'S TRY IT

In goes the sugar.

Gina adds it and stirs gently.
Look for the white grains.

Watch the bottom of the cup.



LOOK AGAIN

Clear again!

Now we cannot see the grains.
The sugar has dissolved.
It is still in the water.

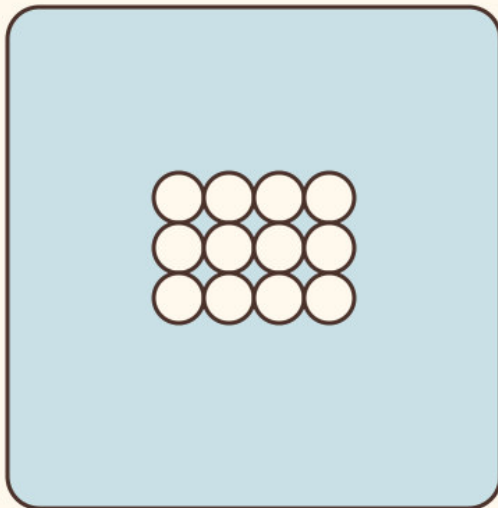


THE PART TO REMEMBER

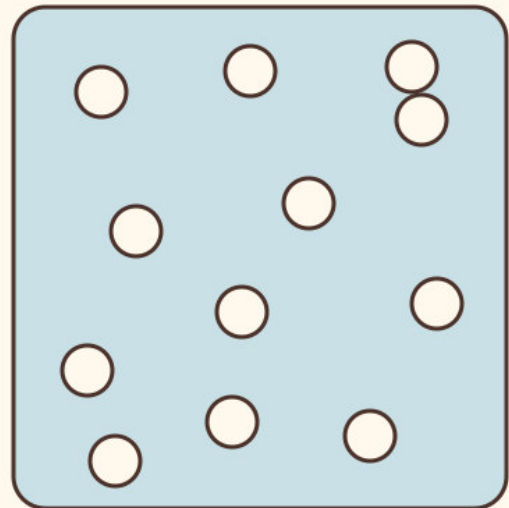
Too small to see. Still there.

Sugar is made of tiny particles.
In water, they separate
and spread out.

BEFORE



AFTER



○ Sugar particles

Not to scale. Water particles not shown.

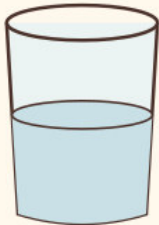
Dissolving is not disappearing.

TRY IT TOGETHER

Make a clear mystery.

With an adult: sugar, a teaspoon,
a clear unbreakable cup and cool water.

1



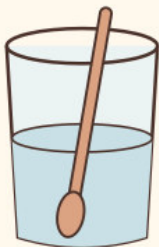
Pour half a cup of cool water
into a clear unbreakable cup.
Keep it on a level tray.

2



Add one level teaspoon
of ordinary white sugar.
Look for the grains.

3



Stir gently. Pause and look.
Keep stirring until the grains
are no longer visible.

What changed? What stayed?

Adult stays close. No tasting.
Wipe spills; empty and wash up afterward.

KEEP EXPLORING TOGETHER

Another cup. Another mystery.

Follow water's journey in
Where Did My Water Go?



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