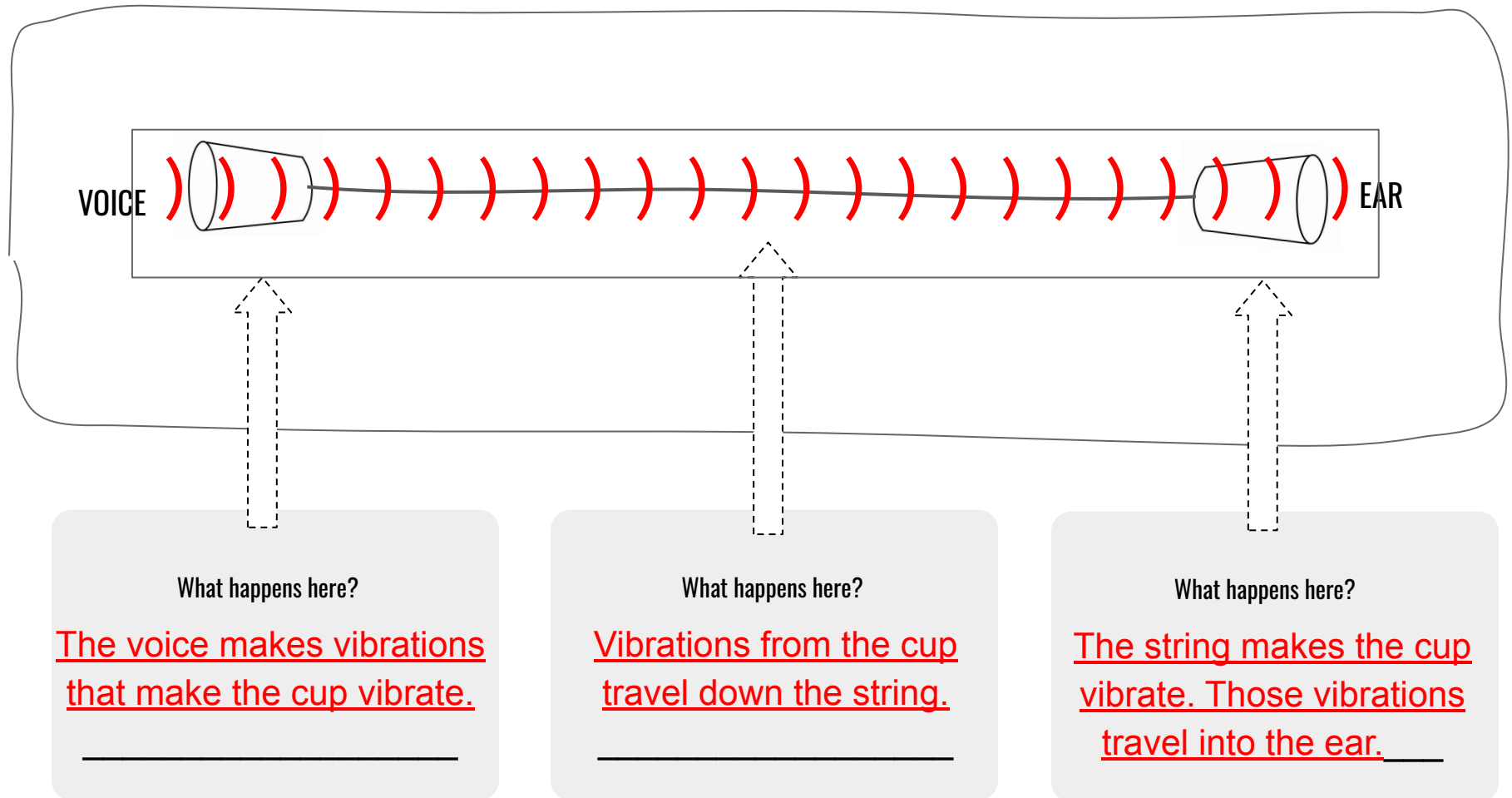


# Paper Cup Telephone

**Note to teacher:** We drew curved lines to represent vibrations, but students may come up with other equally valid ideas to show that the string and cups are vibrating.

## 1. EXPLAIN HOW IT WORKS

How do you think the paper cup telephone works? Draw and describe what happens to the sound as it goes from cup to cup.



**Note to teacher:** There are no right answers here. Look for evidence that students are thinking about their past observations and making observations about what happens in their experiments.

2. DISCUSS:

# HOW COULD YOU CHANGE YOUR PAPER CUP TELEPHONE TO MAKE IT BETTER?

# BETTER

Write 2 ideas to test down here

3. EXPERIMENT!

The 2 experiments you decided on:	Try your experiment. What did you notice?
<p>Here's what we'll do: _____ _____</p> <p>Here's what we think will happen: _____ _____</p>	
<p>Here's what we'll do: _____ _____</p> <p>Here's what we think will happen: _____ _____</p>	

If you need more space, use the back of the page.

