

A wiggle begins

sound?

Little heard a note from the speaker. A wiggly electric signal made something move. Could the notebook's smooth wave become a



Push, then pull

cone moved back and forth.

A wire coil sat near a magnet. The changing signal made it push and pull. The attached paper



A tiny hop

visible.

Little hummed near the rice bowl. Big gently tapped its side. The tight wrap vibrated, and rice hopped. A small motion became



Two kinds of change

kept the taps gentle.

Rice hopped on the vibrating drumhead too. Faster wiggles make higher sounds. Bigger wiggles make louder sounds. Little



Make a little book



1 Fold it into 8 boxes. Open it flat.



2 Fold short end to short end. Cut the thick line. Open it.



3 Fold the long way, pictures out. Push the ends in.

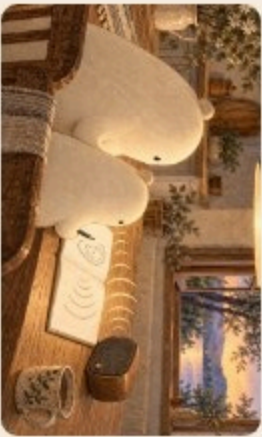


4 Fold into a book. Page 1 goes on the front!



Along a string

Big spoke into a paper cup. Its bottom vibrated. A taut string carried the motion to little's cup, which moved the air nearby.



A wiggle reaches you

The cone sent pressure waves through air. Little's eardrum vibrated when they arrived. Where would the wiggle travel next?



WONDER DAILY
**How
Speakers
Turn Waves
Into Sound**