

# Spring Cup

## Materials

- Slinky spring
- Paper, plastic or Styrofoam cup

## Instructions

1. Hold one end of the spring up high and let the other end hang freely. Wobble the spring and listen to the sound it makes.
2. Hold the high end of the spring against the base of the cup and wobble the spring again. Does it make a louder sound?



## What happens?

Wobbling the spring causes it to vibrate to make a sound, but the sound is very quiet. Holding the spring against the base of the cup causes the cup and the air inside the cup to vibrate. This makes the sound a lot louder and it can sound like a laser sound effect from a movie!