

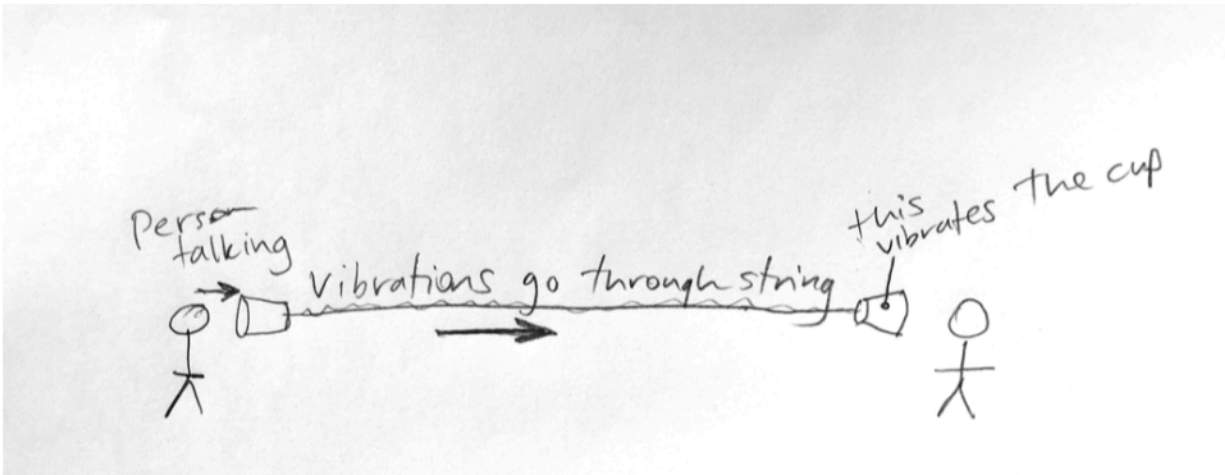
How far can a whisper travel?

Lesson Assessment

ANSWER KEY

1. When you talk into your paper cup telephone, the person on the other end can feel the bottom of their telephone vibrate. **Why do you think this happens? Show your idea by drawing and using words:**

Answers will vary but might look something like this:



2. How could you find out if sound vibrations travel through other materials?

Answers will vary, but might include ideas like:

You could create a paper cup telephone but instead of using string, test out different materials and see if those materials will allow sound vibrations to travel through them.

3. Think about all the sounds and noises around you each day. Besides human voices, what are some other examples of things that create sound vibrations? Make a list below:

Answer will vary but examples might include things like:

- ***a jackhammer and other construction equipment***
- ***drums, guitar, and other musical instruments***
- ***a large truck driving by, or other vehicles***
- ***human actions like stomping, jumping, clapping***