Dialing Home

Sci Fi Slinkys

New Hampshire Telephone Museum

#LiveFreeandDial

NHTelephoneMuseum.org

GATHER:

- Slinky
- Paper Cup

TO DO:

- Grab the cup and attach the slinky to the base of the cup.
- Let the slinky hang down while holding the slinky on the cup.
- Gently bounce the slinky and listen to the awesome sound!

TRY NEXT:

- Try tapping the slinky with different objects and listen.

Think about it...

What do you hear and why?

Pitch depends on how many vibrations happen each second.

High freqency causes high pitched sounds and low frequency causes low pitched sound. The slinky has high frequency vibrations traveling up the slinky to our ears first, then low.