



Feel the Vibrations: The Science of Sound

Creating a sound is all about making vibrations. They travel through air or other medium until they reach your ears.



[Water Bottle Membranophone](#)

A water bottle membranophone uses your breathe to create the vibrations. Click on the link above to see how to create one.



[Buzzing Noise Makers](#)

All you have to do is spin this noise maker using the string. Try making it with the link above.



A [Visual Vocalizer](#) is a bit more complex. Making it will require the help of an adult. But if you can get it to work it's pretty cool. Hum, sing, talk or play an instrument into the vocalizer and you will actually be able to see the vibrations on your wall. See what patterns different sounds make.

