

TECHNOLOGIES IN STEM EDUCATION

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Acoustic Levitation



Let's make visible what is not visible

The project deals with levitation of low-density objects using an ultrasonic sensor. Levitation is performed by using acoustic waves (sound) which are produced by ultrasonic sensors with a certain frequency. The goal is producing standing waves, which will act

against the gravitational force of the Earth acting downwards, that allows the object to levitate in the air.



A new way to make the sound

more **visible**. Modern Kundt's tube.



Science, technology, engineering and mathematics. All in one. Let's use modern technologies to bring physics closer to people

