

Volume: what makes a sound louder?

energy-forces

What you need: classroom drum or tub with stretched film or balloon skin · dry rice · elastic-band guitar (small box with 2–3 rubber bands stretched across) · Investigation Journal page

Words to use

Volume · Vibration

Our question

What happens to the sound if we tap gently, then strongly?

I predict...because...

What we found out

Draw and label what you see

Labels I used

Which tap made the rice jump higher?

Which tap sounded louder?

What does that tell us about volume and vibration?

