

Sound Station Cards – Loudness

What happens when you bang the drum with force? When you tap it?



What about when you clap your hands with force? When you clap your hands lightly?

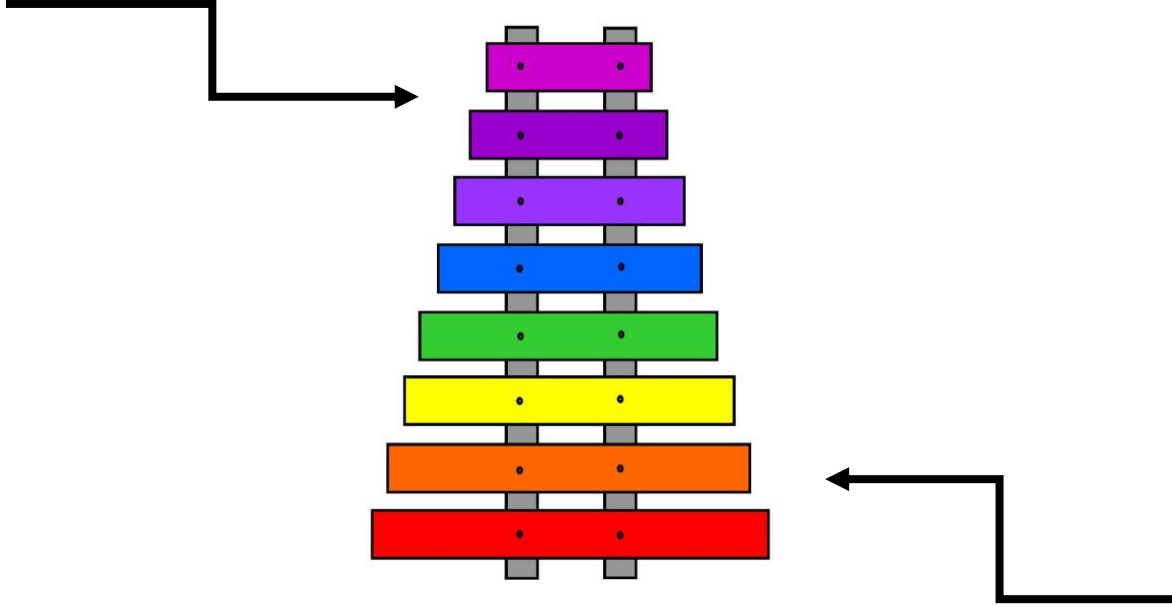


Does it take more force (energy) to make a loud or a soft sound? How do you know?



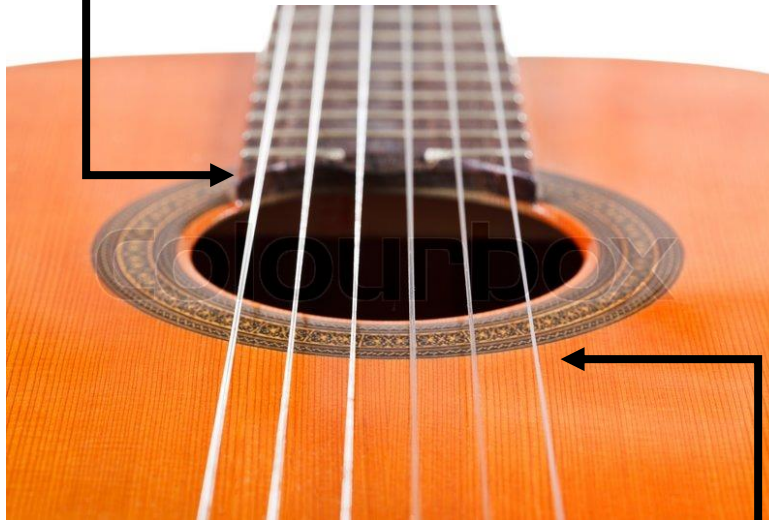
Sound Station Cards – Pitch

When I strike these bars, the sound is _____



When I strike these bars, the sound is _____

When I pluck this string, the sound it makes is _____



When I pluck this string, the sound it makes is _____

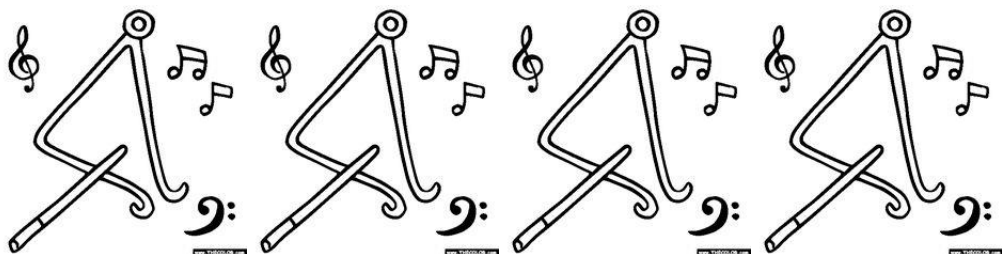
Sound Station Cards – Sound is Caused By Vibrations

Make an observation of each before you strike it. Sketch it.

Musical Triangle	Tuning Fork

What happens after you strike it? Describe any movement you might see, as well as what you might hear.

Musical Triangle	Tuning Fork



Sound Station Cards – Sound is Causes Vibrations

When you hear the sound from the tuning fork, what is making the sound?



What do you observe when you place the tuning fork in the beaker of water? Sketch your observations and describe what you see.

What do you observe when you place the rice grains on the drum and tap it?

