

Sound: vibrations, pitch and volume

energy-forces

Today's job

Record what you predicted, what you did, and what you observed for pitch and for volume.

My predictions (finish the stems)

Stem 1: If less of the ruler hangs over the edge, the twang will be ____ because...

Stem 2: If I pluck the same band harder, ____ will change because...

My two tests

What I changed (one thing only)	What I heard, saw or felt
Pitch test (ruler)	
Volume test (band on box)	

The vibration I saw or felt

Words to use

vibration · pitch · higher · lower · volume · louder · quieter