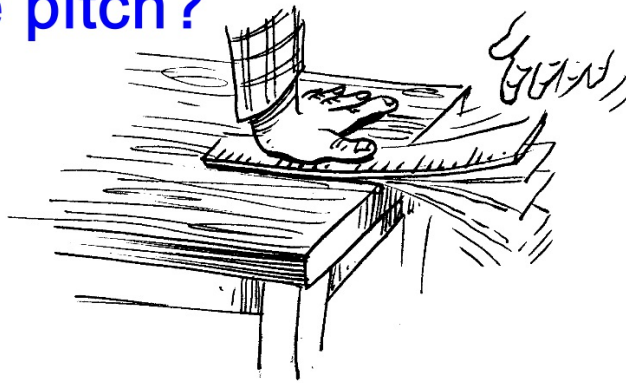


How does vibration speed affect the pitch?



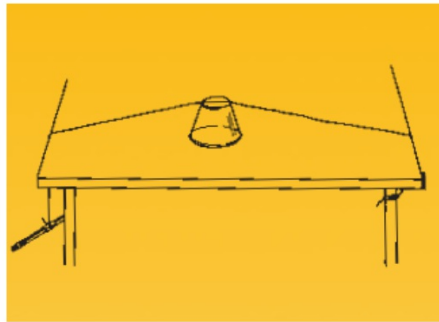
Fast vibrations produce high-pitched sounds. Slow vibrations produce low-pitched sounds. The shorter the object, the faster the vibrations. The longer the object, the slower the vibrations.

How does the length of a string
affect its pitch?



A long object has a low
pitch and vibrates slowly.
A short object has a high
pitch and vibrates quickly

How does tension affect Pitch?



The greater the tension on a sound source, the higher the pitch. The lower the tension, the lower the pitch.