

Max's Musical Pitch Adventure!

Tune into the science of sound with Max the Monkey!

- **Pitch describes how high or low a musical note sounds to our ears.**
- **Sounds are created by vibrations; the speed of these vibrations is called frequency.**
- **Fast vibrations create high-pitched notes, like a tiny whistle or a bird chirping.**
- **Slow vibrations create low-pitched notes, like a bass drum or a large tuba.**
- **On a stave, notes placed higher up represent a higher pitch than those placed lower down.**
- **String instruments change pitch by tightening or shortening the string to make it vibrate faster.**

Did you know? Did you know? The faster an object vibrates, the higher the pitch of the sound it makes! A bumblebee's wings beat very quickly, creating a high-pitched buzz, while the deep rumble of thunder is caused by slow, powerful vibrations in the air.

Key vocabulary: Pitch · Frequency · Vibration · High · Low · Interval · Oscillation