

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