

Max's Musical Pitch Adventure

Listen close and hear the sound, pitch is spinning all around!

- How does the speed of a vibration determine whether a sound is high or low in pitch?
- Why do smaller instruments, like a piccolo, usually produce higher notes than larger instruments like a tuba?
- In what way does the tension of a string affect the pitch of the note produced?
- What happens to the pitch of a drum if you strike it closer to the center compared to the edge?
- Can you identify which part of a musical instrument acts as the source of the vibration?

Did you know? Did you know? If you pluck a very short, tight string on a harp, it vibrates rapidly to create a high-pitched sound. If you pluck a long, loose string, it vibrates slowly, creating a much lower, deeper sound. Max the monkey loves testing this on his makeshift jungle guitar!

Key vocabulary: Pitch · Vibration · Frequency · High · Low · Interval · String · Percussion