Mystery science

Sound vibrations

| Name: | | | |
|---------|--|--|--|
| maille. | | | |

Why are some sounds high and some sounds low?

| PITCH | VIBRATION | HOW THE SOUND WAVE LOOKS | WAVELENGTH |
|-------------------------------------|-------------------|--|--------------------|
| High pitch | The vibration is: | High-pitched sound waves look: spread out | The wavelength is: |
| Imagine the sound of a flute | | squished together | short |
| Low pitch | The vibration is: | Low-pitched sound waves look: spread out | The wavelength is: |
| Imagine the sound of a tuba | | squished together | short long |