



Unit 7 Sound

Grade 6 Science

Unit Description:

Students will use mathematical representations to describe simple models for waves and use models to describe wave behaviors (ex: refractions, reflection, absorption, transmission).

Science Standards:

- 6-MS-PS4-1** Use mathematical representations to describe a simple model for waves that includes how the amplitude of a wave is related to the energy in a wave.
- 6-MS-PS4-2** Develop and use a model to describe that waves are reflected, absorbed, or transmitted through various materials.

Enduring Understandings- Unit Anchor Phenomenon:

We can sense many different sounds from a distance.

Essential Questions- Reflective Summaries:

- Describe a simple model for sound waves that includes how the amplitude of a wave is related to the energy in a wave and how the frequency and wavelength change the expression of the wave.
- Develop and use a model to describe that sound waves are refracted, reflected, absorbed, transmitted, or scattered through various materials.