

Sound



o e h A u ☆ u i !
H a

by Abbie Dunne

Pebble[®]
Plus

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What is Sound?

Sound is made up of waves.
Sound waves are made
when something vibrates.
The vibrating object sends
waves into the air.







The vibrations move through air
like ripples on a pond.
This is how sound waves spread.
We can't see sound waves,
but we can hear them.



How do Sound Waves Travel?

Sound waves spread out in all directions. They bounce back if they hit something solid, such as a wall. The waves stop if they hit something that absorbs them.



Glossary

eardrum—a thin piece of skin stretched tight like a drum inside the ear; the eardrum vibrates when sound waves strike it

megaphone—an instrument used to make the voice sound louder

nerve—a thin fibre that carries messages between the brain and other parts of the body

pitch—how high or low a sound is

sound wave—a wave or vibration that can be heard

vibrate—to move back and forth quickly

Critical Thinking Using the Common Core

1. What happens to a sound wave when it hits a wall?
(Key Ideas and Details)
2. Explain what vibrations are.
(Key Ideas and Details)
3. If you blow strongly into a recorder, and then blow gently, do you think the sounds you make will be different?
(Integration of Knowledge and Ideas)

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