



### What is energy?

- ☐ something warm
- ☐ the ability to change things
- ☐ the ability to have things
- ☐ the ability to buy things

### What is heat?

- ☐ a type of energy that makes things cooler
- ☐ a type of energy that makes things lighter
- ☐ a type of energy that makes things darker
- ☐ a type of energy that makes things warmer

### What is sound?

- ☐ a type of energy that makes things warm
- ☐ a type of energy that you hear
- ☐ a type of energy that makes things bright
- ☐ a type of pitch

### What is light?

- ☐ a type of energy that lets you smell
- ☐ a type of energy that lets you hear
- ☐ a type of energy that you can touch
- ☐ a type of energy that lets you see

### A shadow is \_\_\_\_\_.

- ☐ created when light passes through a clear object
- ☐ a bright place that is made from light
- ☐ clear when light hits an object
- ☐ a dark place that is made when an object blocks light



## What does vibrate mean?

- ☐ to make a loud sound
  - ☐ to make a low sound
  - ☐ to move back and forth quickly
  - ☐ to make a high sound
- 



Hannah was in the talent show. Her voice was too soft, so she used a microphone. People could hear her much better! This is an example of \_\_\_\_\_.

- ☐ sound energy
- ☐ light energy
- ☐ heat energy

Monica was trying to tell her mom what **pitch** is. Help her finish her sentence.



- ☐ how loud or soft a sound is
- ☐ how high or low a sound is
- ☐ how bright or dark something is





Pat could not hear the music in the car. He turned up the volume. What did Pat change?

- ☐ He changed the loudness.
- ☐ He changed the pitch.
- ☐ He changed the temperature.



At nighttime, it is too dark to see. We use lamps to help us see. Lamps use \_\_\_\_\_ because they make things brighter.

- ☐ light energy
  - ☐ sound energy
  - ☐ heat energy
- 

If a light is far away from something, its shadow will be \_\_\_\_\_.

- ☐ smaller
- ☐ gone
- ☐ upside down
- ☐ bigger





Carly wants to read, but it is too dark in her room. What type of energy would make her room brighter?

- ☐ light energy
- ☐ sound energy
- ☐ heat energy



Vicky thinks light is a kind of energy that lets you smell. Is she right?

- ☐ No, light is energy that lets you hear.
- ☐ Yes, light is energy that lets you smell.
- ☐ No, light is energy that lets you taste.
- ☐ No, light is energy that lets you see.







Liz was cold. She sat by the fire so she could get warmer. Liz used \_\_\_\_\_ to warm up.

- ☐ heat energy
- ☐ sound energy
- ☐ light energy



Sam put his marshmallow over the fire. Did the marshmallow get warmer?

- ☐ No, the marshmallow is hotter than the fire.
- ☐ Yes, the fire will warm the marshmallow.
- ☐ No, heat will not move away from the fire.

A sound is a type of energy that you \_\_\_\_\_.

- ☐ see
- ☐ touch
- ☐ hear
- ☐ smell