

Heat

Unit Standard

S3PI. Obtain, evaluate, and communicate information about the ways heat energy is transferred and measured.

Big Idea

Heat energy can be transferred.

Vocabulary Words

temperature

absorb

heat

Celsius

friction

Fahrenheit

reflect

Essential Questions

- What are some heat sources?
- Where can heat come from?
- How does sunlight affect objects?
- How can we keep objects warm or cool?

Questions To Consider

- What is heat?
- How is temperature measured (and with which scales)?
- How does thermal energy move? (from hotter to colder objects)
- How is heat energy produced? (rubbing, burning, friction, or mixing chemicals)
- How does sunlight affect objects?
- What are some sources of heat?
- How can we keep objects warm or cool?
- Where can heat come from?