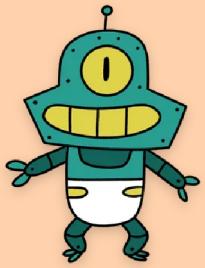
SCIENCE · HEAT AND TEMPERATURE · GRADES 4–5

Conduction, Convection or Radiation?

Learn the three ways heat moves, then sort nine examples.

Name: _____ **Date:** _____



Heat moves in three ways. **Conduction:** heat moves through things that touch. **Convection:** warm air or water rises and moves around. **Radiation:** heat travels through space as rays, like sunshine.

Write each example in the right column.

- a hot air balloon rising
- warming your hands near a campfire
- warm air rising from a heater
- touching a hot pan
- an ice cube melting in your hand
- water swirling as it boils in a pot
- feeling the sun warm your face
- a heat lamp keeping chicks warm
- a spoon heating up in hot soup

Conduction	Convection	Radiation

Which way does heat get from the sun to Earth?

_____

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