

Heat Transfer

Select whether you think heat is transferred through conduction, convection, or radiation for each of the following situations.

Conduction, Convection or Radiation

- The heat you feel from a fireplace

Conduction, Convection or Radiation

- This type of heat transfer causes plates to move

Conduction, Convection or Radiation

- Boiling water

Conduction, Convection or Radiation

- Heat you feel from a hot stove

Conduction, Convection or Radiation

- Frying a pancake

Conduction, Convection or Radiation

- Fast particles colliding with slower particles

Conduction, Convection or Radiation

- Air travels this way

Conduction, Convection or Radiation

- Transfer through solids

Conduction, Convection or Radiation

- Transfer through space

Conduction, Convection or Radiation

- Moves as a wave

Conduction, Convection or Radiation

- Moves as a current

Conduction, Convection or Radiation

- Sun rays reaching earth

Conduction, Convection or Radiation

- Occurs with fluids

Conduction, Convection or Radiation

- This type of transfer is affected by color

Conduction, Convection or Radiation

- A coil on an electric stove