



Thermal Energy Transfer Exercise 2

Middle Primary Beginner Science

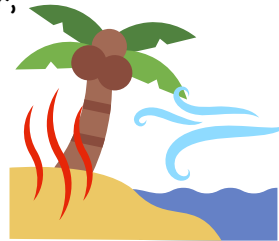
Circle the type of heat transfer that is responsible for each scenarios.

1. Bare feet burn on hot sand because the ground conducts solar heat to your skin.



Conduction
Convection
Radiation

2. Sea breezes form as land heats faster than water, causing warm air to rise and cool sea air to flow in.



Conduction
Convection
Radiation

3. A microwave reheats coffee by emitting waves that vibrate water molecules.



Conduction
Convection
Radiation

4. The heat from a fire that helps to warm your hands.



Conduction
Convection
Radiation



Thermal Energy Transfer Exercise 2 - Solutions

Middle Primary Beginner Science

Circle the type of heat transfer that is responsible for each scenarios.

1. Bare feet burn on hot sand because the ground conducts solar heat to your skin.



Conduction

Convection

Radiation

2. Sea breezes form as land heats faster than water, causing warm air to rise and cool sea air to flow in.



Conduction

Convection

Radiation

3. A microwave reheats coffee by emitting waves that vibrate water molecules.



Conduction

Convection

Radiation

4. The heat from a fire that helps to warm your hands.



Conduction

Convection

Radiation