



Thermal Energy Transfer Exercise 1

Middle Primary Beginner Science

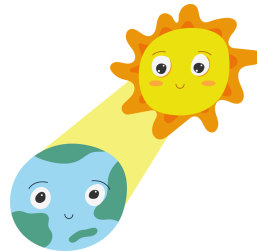
Circle the type of heat transfer that is responsible for each scenarios.

1. A metal spoon left in hot soup heats up as energy passes from the soup through the spoon to your hand.



Conduction
Convection
Radiation

2. The sun's energy reaches Earth from millions of kilometers away.



Conduction
Convection
Radiation

3. Boiling water in a pot circulates as heated water rises and cooler water sinks.



Conduction
Convection
Radiation

4. Touching a hot iron transfers heat directly from the iron's surface to clothes, smoothing wrinkles.



Conduction
Convection
Radiation



Thermal Energy Transfer Exercise 1 - Solutions

Middle Primary Beginner Science

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

1. A metal spoon left in hot soup heats up as energy passes from the soup through the spoon to your hand.

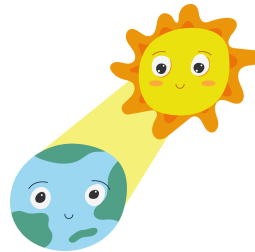


Conduction

Convection

Radiation

2. The sun's energy reaches Earth from millions of kilometers away.



Conduction

Convection

Radiation

3. Boiling water in a pot circulates as heated water rises and cooler water sinks.



Conduction

Convection

Radiation

4. Touching a hot iron transfers heat directly from the iron's surface to clothes, smoothing wrinkles.



Conduction

Convection

Radiation