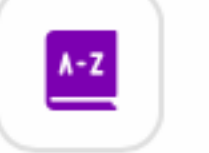


AA

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20. Check My Understanding



Select the correct answer.

Conduction is the transfer of energy by which of the following?



- The currents in liquids or gasses.



- The breaking of chemical bonds.



- The movement of solid matter.



- The contact of materials at different temperatures.

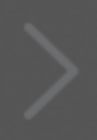


Conduction is movement of energy when objects of different temperatures are **touching**.



You got three in a row!

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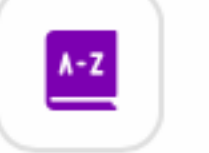
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20. Check My Understanding



Select the correct choice from the drop down menu.

The transfer of heat by movement of liquid or gas is known as

1. convection ✓ ▼

1. convection



Convection moves energy by the **movement of a liquid or gas**.

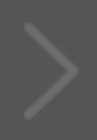


You got three in a row!

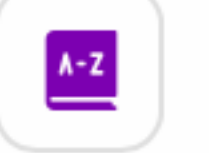


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20. Check My Understanding

**Attempt 1**

Select the correct answer from the drop down menu.

Warm and cool air moving is what causes different weather patterns. The movement of the different

temperatures of air is called a 1. convection ✓ ▼ current.

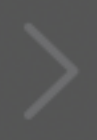
1. convection



Air, a **gas**, is moved by **convection**, creating a convection current.

You got three in a row!

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20. Exit ticket



Select the correct answer from the drop down menu.

Energy is transferred between different solids by the process of

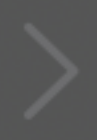
1. conduction ✓ ▼

1. conduction



Conduction is the **movement of energy through solids** by the contact of particles.



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20. Exit ticket

**Select the correct answer.**

After energy transfer by **conduction**, the particles in an object that started hot would do which of the following?



• Stay the same speed



• Move faster



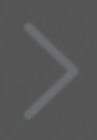
• Move slower



• Stop moving

Particles that start hot have **lost heat** from conduction and **slow down**.





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20. Exit ticket

**Select the correct answer.**

The movement of thermal energy is responsible for a change in which of the following properties?



• Weight



• Mass



• Temperature



• Shape

The transfer of thermal energy into or out of an object will result in a change in its **temperature**.