

Thermal Energy and Heat ▪ *Review and Reinforce*

The Transfer of Heat

Understanding Main Ideas

Fill in the spaces in the table below by writing whether the heat is transferred by convection, radiation, or conduction.

Heat Transfer Example	Method of Heat Transfer
An entire lake is heated by water from a hot spring at the bottom of the lake.	1.
Sunlight melts a wax crayon left outside.	2.
A burner on a stove heats the bottom of a pot.	3.
The inside frame of your front door feels cold during winter.	4.
A kite rises high above a hot, sandy beach.	5.
You feel the warm glow of a bonfire.	6.

Building Vocabulary

Fill in the space to complete each sentence.

7. Heat is transferred directly from one particle of matter to another by the process of _____.
8. A(n) _____ is a material that transfers heat well.
9. A circular flow of warmer fluid and cooler fluid is called a(n) _____.
10. A(n) _____ is a material that does not conduct heat well.
11. _____ is the transfer of energy by electromagnetic waves.
12. Heat is transferred by the movement of currents within a fluid by a process called _____.