

Name _____

Heat: The Magical Force of Warmth and Energy

Multiple Choice Questions

1. What is heat?
 - a) A measure of how cold something is
 - b) A form of energy that flows from hotter objects to cooler ones
 - c) The speed at which molecules move in a substance
 - d) The measure of how fast an object is moving

2. How does heat transfer through a solid object like a metal spoon?
 - a) Convection
 - b) Radiation
 - c) Conduction
 - d) Expansion

3. What unit is commonly used to measure heat energy?
 - a) Watt
 - b) Calorie
 - c) Celsius
 - d) Joule

4. Which of the following is NOT a way that heat can be transferred?
 - a) Conduction
 - b) Convection
 - c) Reflection
 - d) Radiation

5. Why is understanding heat important in weather forecasting?
 - a) To predict the stock market
 - b) To determine the best time for a picnic
 - c) To analyze temperature changes and predict the weather
 - d) To calculate the speed of wind currents

