

Name: _____

Heat Energy

Metals are an example of a **thermal conductor**. Metals feel cold when you touch them because they take heat away from your hand. They **conduct** heat. Wood, a **thermal insulator**, does not feel cold to your touch. They do not take heat away from your hand. They are **poor conductors** of heat.

Directions: Look around the classroom or your house. Locate and record items that you think might be thermal conductors and thermal insulators.

thermal conductors

Choose one object and explain why you believe it is a thermal conductor.

thermal insulators

Choose one object and explain why you believe it is a thermal insulator.
