

Conduction

Activity Mission 4

Objectives

Observe the nature of heat energy

Observe what happens when heat is transferred from one object to another

Initial Questions

Materials

- Pan or plate
- two slices of cold butter (~1/2" thick)
- metal knife
- plastic knife
- glass of warm water

Procedure

1. Poke the metal knife into one slice of cold butter. Repeat with the plastic knife and the other slice of butter.
2. Place the ends of the knives that do not have the butter on them into the glass of warm water.
3. Observe and record your results.

Questions

Describe what you observed.

What do you think was occurring?