**Vocabulary:** **Conduction and Convection**

dictionary2

**Vocabulary**

* Conduction – the transfer of heat from one object to another by direct contact.
  + When you touch a hot potato, heat is transferred to your finger by conduction.
  + When you touch a cold ice cube, heat is transferred away from your finger by conduction.
* Conductor – a material that allows heat to flow through.
  + Most metals are good conductors.
* Convection – transfer of heat through movement of matter.
  + In a *convection current*, a hot material rises while a cool material sinks. For example, heated air inside a hot-air balloon causes the balloon to rise.
* Insulator – a material that resists the flow of heat.
  + Nonmetals are usually good insulators.