**Chapter 6 Thermal Energy Test**

* Know what thermal energy is and how it affects particle motion.
* Know what temperature is and how it affects particle motion.
* Know what heat is and that it goes from warmer to colder objects.
* Know how particles behave when they are warmed and cooled.
* Know what thermal expansion and thermal contraction are.
* Know what conduction, convection, and radiation are and be able to identify them given an example or scenario.
* Know how heat transfer occurs between objects that have a high and low temperature difference.
* Know where the heat moves to when you set a cup of hot cocoa or coffee on the counter.
* Know the three different temperature scales and be able to list the boiling and freezing points on each scale.
* Make sure you understand and can explain the conduction and convection demos that we did in class.
* Be able to draw convection currents.
* Know how conduction, convection and radiation act on a pot of soup on the stove.

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