

## **Chapter 6: Thermal Energy**

### **I Can Statements**

I can...

1. Define temperature using kinetic energy.
2. Measure temperature using a thermometer.
3. Convert between Celsius and Kelvin temperatures.
4. Explain how to do a calorimetry experiment.
5. Calculate the heat of a system using the data from a calorimetry experiment.
6. Differentiate the three methods of heat transfer.
7. Name the types of matter needed for the three types of heat transfer.
8. Use a Bunsen burner properly.
9. Explain the difference between an insulator and a conductor.

I do this chapter as the first chapter in the chemistry portion of the class.