# Experiment #1 – The Candle Lab

**Introduction**

Why does a candle burn? What does a burning candle look like? A burning candle is something very familiar to most students, but what do you really know about a burning candle? Today you will given the opportunity to make careful observations of a burning candle.

Materials

Safety goggles

Candle

Drinking glass or beaker (taller than the candle)

Watch or clock (with second hand)

Matches

3”x5” index card

Procedure

Your goal today is to make as many observations about your candle as possible.

1. Make observations about the candle before the candle is lit.
2. Lite the candle.
3. Make observations while the candle is burning.
4. Allow the candle to burn out.
5. Make observations after the flame has been extinguished.

Make sure to complete the required sections for this lab, as outlined in the lab report handout.

In your conclusion make sure that you attempt to explain your observations. *Conclusions must be 6-8 sentences in length.*