

Name _____



Burning Questions

Directions: Put on your safety glasses and follow the directions that your teacher gives you. Make a list of observations about a candle before it is lit, after your teacher lights it, and after it is extinguished. Draw a picture of the candle in the first column. Record your information in the observation column. Use as many senses as you can except taste for your observations.

Picture	Observations
Before Candle is Lit	
Lighted Candle	
Extinguished Candle	

How did the air quality change after the candle burned?

_____ + _____ = _____ + _____
 Reactants Products

On the back of your paper, write a paragraph explaining what observing a burning candle tells you about air pollution.

Name _____



Burning Questions at Home

Directions: Look around where you live and list each combustion or fuel-burning source (gas appliances, fireplace, cars, burn barrel, lawn mower, barbecue grills, etc.) that you see and what air pollution might happen with its use. At the bottom of the page, record the number of smoke and carbon monoxide detectors.

Combustion Source	Air Pollution

Number of Smoke Detectors _____

Number of Carbon Monoxide Detectors _____