

Observations of a Burning Candle

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.
- 10.
- Etc.

Task	Physical changes	Chemical changes
Hold beaker over flame		
Place flask over beaker		
Bromothymol blue in flask		

Changes P 51

- A. **Physical Change:**  
 Changes the form /appearance(Shape, State etc.)  
 Not making a new substance
- B. **Chemical Change**  
 Changes it into a different substance  
 Forms new substance with different properties

4 "Deadly" Warning Signs of a Chemical Reaction

- A. Bubbles (new gas is made)
- B. Solid appears/cloudy  
**(Precipitate)**
- C. Temperature Change
- D. Color Change

**KEY:** new substances formed with different properties

III. Watch it Burn! Carbon Based Fuel

A. Observations Before:

**height:**                      **color:**                      **texture:**  
**mass:**                        **state:**                        **other:**

B. During:

Draw the flame

**List Observations as it burns on page 50**

Time (min)	Height (cm)	Mass (g)
0		
1		
2		
3		
4		
5		

C. After:

**Calculate change in:**  
**Height**                                      **Mass**  
**Changes observed:**