

MAKE-UP Instructions: Copy the text and data table into your notebook. Go to our class Blog 9/17/15. Look at the pictures in order and write down what you see happening at each step. Record these observations in the right-hand side of your table.

Period ____ Date _____

Title: A Penny for Your Thoughts

Purpose: To observe a chemical transformation first hand.

Materials:

A Penny	Water	3 M sodium hydroxide
100 mL beaker	Hot plate	Zinc (Zn)
500 mL beaker	Tongs	

Safety: List 3 important safety considerations for this demonstration. Discuss with your partner!

- 1.
- 2.
- 3.

Procedure and Observations Table:

Procedure	Observations
1. A beaker with zinc and sodium hydroxide is heated on a hot plate set to 4.	
2. Use tongs to place a penny into the beaker. Remove the penny after a few minutes.	
3. Put the hot penny in the beaker of cold water to cool and rinse.	
4. Use tongs to transfer the penny to a hot plate. Remove carefully when it has changed color.	