| Chemistry Name | |
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| "Striking It Rich" Penny Lab | Date Block |
| | |
| Purpose: To change the appearance of pennies the | rough chemical and heat treatments. |
| Set up a ring stand with a wire mesh. Place Add a small amount of 3M NaOH to the ev Add a small amount of "zinc mesh" to the ev Add a penny to the evaporating dish. Gently heat the solution until it is WARM Using crucible tongs, grab the sides of the NaOH/Zn mesh. Take it out of the evaporating dish with the Do the same thing with the second penny. | vaporating dish (enough to cover a penny laying flat). evaporating dish. (bubbling). Do NOT allow it to boil vigorously! penny and flip it so that both sides are exposed to the etongs, rinse it in water and dry it off. a Bunsen burner flame for a few seconds. Don't overheat it |
| Observations: | |
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| Discussion : Explain what happened. Use the Chemical Control of the Chemical | mCom book page 161 to help with your explanation. |
| Questions: | |
| 1.) Compare the three coins. Do they remind | you of anything? Explain. |
| 2.) If someone claimed that a precious metal w the claim was correct? | vas produced in this activity, how would you decide whethe |

3.) Identify two practical uses for metallic changes similar to those you observed in this activity.