

Metallurgy Lab: Tour and Scavenger Hunt

Date: _____

Names: _____

Metals Tour

Directions:

	Location	Appearance/Surface Finish	Magnetism Y/N	Guess the Metal	Why would this metal be used for this product?
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					

Metals Scavenger Hunt

Directions: With a partner, go for a walk about and try to find examples for the given metal.

	Metal	Location	Appearance/Surface Finish	Magnetism Y/N	Why would this metal be used for this product?
1.	Mild Steel				
2.	Stainless Steel				
3.	Cast Iron				
4.	Spring Steel				
5.	Aluminum				
6.	Titanium				
7.	Chromium				
8.	Lead				
9.	Copper				
10.	Brass/bronze				

Metallurgy Lab: Currency Metals

Directions: Test each for magnetism. Go to the internet and research what metal or metals are used for each coin. Consider why these metals would be used for the separate coins.

	Coin	Magnetism Y/N	Metal(s) content	Why would someone decide to use these metals for each coin?
1.	U.S. Quarter			
2.	U.S. Dime			
3.	U.S. Nickel			
4.	U.S. Penny			
5.				