

Lab 2-C: Testing Physical and Chemical Properties of Matter

Name: _____

Date: _____

Purpose: In this lab we will analyze various physical and chemical properties of different materials and uncover how these properties relate to the function of these materials in the real world.

Materials:

- Sample of matter
- Water
- Dilute acid
- Test tubes
- Test tube rack
- Marker

Procedure: See lab handout 2-C p.126-127

Data and Observations:

Material	Physical Property	Observations	Chemical Property	Observations
	Colour		Reactivity with water	
	State		Reactivity with acid	
	Lustre			
	Malleability			
	Density			
	Texture			
	Solubility			

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Analysis:

1. Think about how each substance you studies is used. How do you think the physical and or chemical properties of each are related to its function?

Conclusion: