

## Experiment #2: Specific Properties of Matter



NAME: \_\_\_\_\_  
SECTION: \_\_\_\_\_

DATE: \_\_\_\_\_  
REMARKS: \_\_\_\_\_



### I. Intended Learning Outcomes

Students should be able to:

- Investigate the different properties of materials from the observed objects;
- Exhibit critical-thinking and contribute ideas about the characteristics of materials and their specific properties; and,
- Reflect on the importance of recognizing properties of materials and how knowing them impacts the environment



### II. Materials:

ruler  
copper wire  
garter or rubber band

paper clip  
glass  
empty soda can

small hammer  
rubber band

chalk  
copper coin  
(5-centavo coin)

#### Get Hands-on!

- Prepare the materials that are available. Observe the characteristics of the materials listed in the chart below.

Materials	Descriptions						
	Is it malleable?	Is it flexible?	Is it hard?	Is it shiny?	Is it ductile?	Is it brittle?	Is it smooth or rough?
1. Garter							
2. Rubber band							
3. Paper clip							
4. Glass							
5. Ruler							
6. Copper wire							
7. Centavo coin							
8. Soda can							
9. Chalk							

#### Give Your Ideas

- Why is it important to recognize the specific properties of a material?

- How does the understanding of these properties help protect the environment?