

Name: _____

Date Started: _____ Date Completed: _____ Score: _____

Learning Activity Sheet

Classifying Materials as Solids, Liquids, or Gases Based on Their Observable Characteristics

A. Grouping Solid Materials. Can you classify/group the following solid materials according to their characteristics? Put your answers in the second column of the chart.

rubber band

spoon

garter

table

steel chair

electric drill

eraser

soft rock

pencil

clay pot

plastic glass

pin

Properties	Solid Materials
Hardness	
Brittleness	
Elasticity	
Malleability	
Strength	

B. Grouping Solids, Liquids, and Gases. Matter is everything around you. A kilo of nails, bottles of juice, and air all have properties. All the naturally-occurring materials on Earth can be classified in three states: solid, liquid, and gas. In other words, you can group the objects together according to their properties.

Write three examples for each state of matter in the chart below.

Solid	Liquid	Gas
1.	1.	1.
2.	2.	2.
3.	3.	3.