

## Properties of Matter

Fill in the type and definition of the Properties of Matter on the following page.  
Cut out the boxes below and sort into Physical and Chemical Properties.  
Glue the final product in your notebook and answer the questions below.

Hardness	Color	Ductility
Corrosion (deterioration of metal)	Boiling point	Texture (hard, soft, rough, smooth)
Tarnish	Melting point	Thermal conductivity (ability to conduct heat)
Electrical Conductivity (ability to conduct electricity)	State of matter (solid, liquid, gas)	pH (acidic or basic)
Reactivity (ability to combine or react)	Oxidation (ability to react with oxygen)	Odor
Magnetism (attracted by magnet)	Flammability (ability to burn)	Luster (shiny)
Solubility (dissolves in water)	Density	Viscosity
Malleability	Forms rust	Radioactivity

- After completing the activity, answer these questions in your notebook.
1. Compare and contrast physical and chemical properties of substances.
  2. Explain why physical and chemical properties are useful to scientists.