

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.