

Physical Change

Boiling

Condensing

Evaporating

Ripping Paper

Watercolor paint drying
on paper

A bicycle rusting after it
is left in the rain

Bending wire

Change that alters the
form or appearance of
a material but does not
make the material into
another substance

Chemical Change

Freezing

Melting

Rusting

Ice forming when water
is placed in a freezer

Chopping wood

A sugar cube dissolving
in a glass of water

Molding clay

Elements combine to
form compounds

Compounds are broken down into elements

Produces new substances

Souring of milk

Burning of wood

Frying an egg

A pot of water boiling

An iron nail rusting

Corn being ground

Sugar dissolving in tea

Photosynthesis

Cutting grass

Breaking a glass bottle

Digestion of food

Decomposition of a fallen tree

Respiration

Knitting a sweater

Cutting your hair

Fireworks exploding

Baking a cake

Cutting an apple