

Physical Changes

Examples:

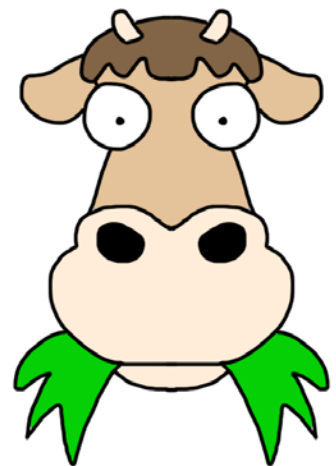
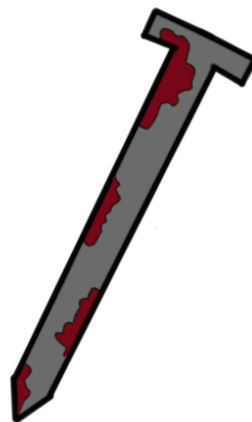
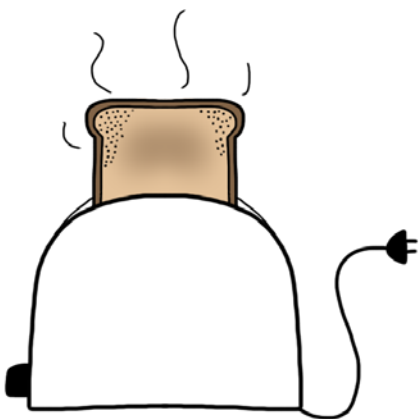
- Aluminum foil cut in half
- Clay molded into a new shape
- Butter melts on warm toast
- Water evaporates from the surface of the ocean
- A juice box freezes in the freezer



Chemical Changes

Examples:

- Sour milk
- Bread becomes toast
 - Baking a cake
- Rust forms on a nail
- Your body digests food
 - A match is lit



How Can You Tell a Chemical Change Occurred?

- 1) There is a change in color
 - Leaves change color
 - Half-eaten apple turns brown

- 2) Energy is absorbed or released
 - Absorbed – during cooking
 - Released - fireworks

- 3) Odor Changes
 - Sour milk
 - Rotten Eggs

- 4) Gas or Solid is produced
 - Precipitate
 - Bubbles of gas from Alka-Seltzer