

# Examples of Physical + Chemical Changes

## Physical

◦ glass breaking

- size + shape

◦ ice melting

- state

◦ slicing bread

- shape + size

◦ mowing lawn

- size, cutting

◦ fresh lemonade

- dissolving, solution

◦ boiling water

- state

◦ cracking eggs

- size, shape, breaking

## Chemical

◦ fireworks

- heat, light, sound, color

◦ baking a cake

- cooking

◦ digesting food

- breaking down

◦ rusting nails

- breaking down, color

◦ roasting marshmallows

- color, cooking/burning

◦ lighting a match

- light, color, heat, odor

◦ toast

- cooking, color, odor

◦ frying eggs

- cooking, color, odor

Evidence

\* In physical changes, no new substance is formed. Substances retain, or keep, their physical properties. In chemical changes, a new substance is formed. Their chemical properties (molecules) change.