Physical Vs. Chemical Changes

A physical change may make A chemical change means a

something LOOK different, but new substance with a NEW

it is still the same substance with FORMULA was created

the same formula. **\*Key words: rust, burn,**

**Key words: dissolves, melts, freeze reacts, produces**

boils (changes to vapor state),

Examples

-Salt dissolves in water - milk goes sour

- Ice cubes melt to form water - iron rusts

-Icicles form at the edge of a roof -vinegar and baking soda react

-A chocolate bar melts outside -A piece of paper burns.

Physical and Chemical Properties

Can be observed or measured using 5 A characteristic of a substance that can be

senses observed when it participates in a chemical

Examples

-Flammability -Reaction with other substance

-Neutralizes acid -Supports combustion

Examples

-Color -Taste

-density -luster

-Solubility -odor

-Hardness -boiling/melting point

reaction