

Vocabulary



chemical reaction the change that happens when two or more substances combine and produce a new substance

Heat energy is often released or absorbed during a chemical reaction. Sometimes, gas bubbles are produced.

chemistry the study of matter and how it can change or be changed

Chemistry is the study of how atoms of different elements interact with each other.

Everything you see, including yourself, is made from elements. Scientists combine chemicals in the laboratory to make many kinds of useful products.

product what is produced or left at the end of a chemical reaction

A product can be a solid, liquid, or gas. Carbon dioxide is the product of a reaction between baking soda and vinegar.

reactant a substance that reacts in a chemical reaction

Vinegar and baking soda are the reactants that undergo a chemical reaction when they are mixed together.