

Vocabulary



chemical reaction the reaction of one or more substances to produce a new substance with different properties

The signs that a chemical reaction has occurred include temperature change, formation of a gas or a solid, and change in odor or color. For example, when an egg fries, you know a chemical reaction occurs because the color and odor of the egg change.

product a substance formed during a chemical reaction

When a piece of paper burns, ash, carbon dioxide, and water are products. Rust is the product of the chemical reaction between iron and oxygen. When plants make food, sugar and oxygen are the products.

reactant a substance going into a chemical reaction

When a piece of paper burns, the paper and the oxygen in the air are reactants. If either reactant is missing, the reaction will not happen. Iron and oxygen are reactants when rust forms, and carbon dioxide and water are reactants when plants make food.