

Video: Chemical Reactions (Bill Nye, 25 min.)

Everything is made of chemicals.

Chemicals can react to form new chemicals.

When hydrogen and oxygen react, they form water.

Burning something in pure oxygen results in a more intense reaction.

Vinegar + salt can react together to clean coins.

"Electroplating" is a chemical reaction that deposits gold^{metal} onto car parts.

A simple fire extinguisher can be made using the chemical reaction between vinegar and baking soda. This produces carbon dioxide gas.

Table salt is also known as sodium chloride.

"Pyrotechnics" is the field of chemistry that describes fireworks.

The heating of baking soda inside cake batter produces carbon dioxide gas.

The developing of film involves many chemical reactions.

Alfred Nobel was a Swedish chemist who invented dynamite.

The Nobel prize was named after Alfred Nobel.

Name some natural juices that change colour when adding an acid or a base?

red cabbage, grape, tea

Elements are organized on the Periodic Table.

Elements can be combined to produce thousands of different compounds.