**Bill Nye: Chemical Reactions**

1. **Everything is made of chemicals.**
2. **Chemicals can react to form new chemicals.**
3. **When hydrogen and oxygen react, they form water.**
4. **Burning something in pure oxygen results in a more intense reaction.**
5. **Vinegar + salt can react together to clean coins.**
6. **Electroplating is a chemical reaction that deposits metal onto car parts.**
7. **A simple baking extinguisher can be made using the chemical reaction between vinegar and baking soda. This produces carbon dioxide gas.**
8. **Table salt is also known as sodium chloride.**
9. **Pyrotechnics is the field of chemistry that describes fireworks.**
10. **The heating of baking soda inside cake batter produces carbon dioxide gas.**
11. **The developing of film involves many chemical reactions.**
12. **Alfred Nobel was a Swedish chemist who invented dynamite.**
13. **The Nobel prize was named after Alfred Nobel.**
14. **Name some natural juices that change colour when adding an acid or a base? Red cabbage, grape, tea**
15. **Elements are organized on the Periodic Table.**
16. **Elements can be combined to produce thousands of different compounds.**