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| **Bill Nye & Chemical Reactions**  | Name: ***Answer Key*** |
|  | Date:  | Pd: |

**Directions**: *Answer the questions and complete statements from viewing the video*.

1. Everything is made of ***chemicals.***
2. When do chemical reactions happen? ***When the electrons hook together.***
3. Water is ***two*** parts “H” and ***one*** part “O”.
4. What makes iron rust and our blood red? ***Oxygen***
5. Car and motorcycle engines are controlled by what chemical reaction? ***Combined gasoline and oxygen in small controlled explosions.***
6. Baking soda = ***NaHCO3***
7. C2H4O2 is what? ***Vinegar***
8. What is sodium chloride? ***Salt***
9. What is the name given to people who manufacture and use fireworks? ***Pyrotechnicians***
10. There are ***92*** elements that make up the things that we love.
11. Who was the Swedish chemist that invented dynamite? ***Alfred Nobel***
12. What is the list that shows our 92 elements? ***The periodic Table of Elements***
13. Cow’s milk contains what element? ***Calcium***
14. The symbol for potassium on the periodic table is ***K***.
15. Na on the periodic table is the symbol for what? ***Sodium***
16. What two elements are used to make a laser pen light? ***Helium and Neon***
17. In the song “Don’t Try This at Home” what makes compounds? ***Mixing chemicals***

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| **Bill Nye & Chemical Reactions**  |
| ***Student Worksheet*** |

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