**Alphabet Chemistry Puzzle (taken from Chem 13 News Sept. 2015)**

Here is a science review to refresh your memories of Grade 9 and Grade 10 Chemistry. The answer to each of the 26 clues below starts with a different letter of the alphabet.

|  |  |  |
| --- | --- | --- |
| A | J | S |
| B | K | T |
| C | L | U |
| D | M | V |
| E | N | W |
| F | O | X |
| G | P | Y |
| H | Q | Z |
| I | R |  |

1. Neither acidic or basic
2. -273oC in kelvin
3. Flaming splint creates a pop sound with this gas
4. Eye protection that must be worn in a lab
5. Used to transfer solid chemicals
6. Colour of phenolphthalein indicator in basic solution
7. Glowing splint relights with this gas





1. Atomic number of 92
2. Starting material in a reaction
3. SI unit of energy
4. A solution below pH 7
5. Obtained amount of product in a reaction



1. Mass over volume
2. Amount of matter measured in grams
3. Same number of protons but different number of neutrons
4. Average of this is measured by temperature



1. \_\_\_\_\_\_\_\_\_ flask
2. First noble gas to react to form a compound
3. Speeds up rate of reaction without undergoing permanent changes itself
4. Paper that turns red with an acid
5. Fluorine has 7 of these electrons
6. Type of observation that can be measured
7. Dihydrogen monoxide