**Science Safety & Scientific Method Vocabulary**

1. Safety – freedom of risk of injury, danger or loss
2. Wafting – gentle waving motion used to smell cautiously
3. Reactivity – ability of one substance to act with other substances to produce a chemical change
4. Flammability – easily set on fire, combustible
5. Corrosive – harmful or destructive; eating away or eroding
6. Toxic - poison
7. Hazardous – full of risk, dangerous
8. Prediction – what you think will happen
9. Hypothesis – making a guess (prediction or proposition)
10. Procedures – steps to follow in an investigation
11. variable – something that changes in investigation
12. Independent variable – (manipulated) what is “changed” in investigation
13. Dependent variable – (responding) what is the “effect” of investigation
14. Control – group or set of items that serves as the standard (the NORM) nothing is done to the control
15. Constant – stays the same for all the trials in investigation
16. Experimental group – set of items or group that is under a study to determine the effect of event, substance, or technique
17. Trend – general course or direction of tendency; style
18. Valid – logical or convincing, strong reason
19. Observation – using any 5 senses to study something
20. Qualitative Observation – does not involve numbers or measurement; for exp. (the ball is round)
21. Quantitative observation - DOES involve measurements and numbers; for exp. (the ball weighs 15 lbs)
22. Inference – an assumption or conclusion which is made based on an observation
23. Disposal – getting rid of
24. Conservation – the act of conserving (recycle, preserve, protect)
25. Resources – provides support for life; some natural resources would be air, water, plants, animals, coal, iron, and gas because they come from nature
26. Meniscus – crescent shape, or concave or convex surface of liquid due to surface tension
27. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
28. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
29. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_