Chemistry Neutralization Investigation Lab Rubric

Total Points \_\_\_\_\_/50

Materials \_\_\_\_\_/10

* Chemicals used
  + amounts
* Glassware used
* Indicators/litmus paper
* Measurement tools

Procedure \_\_\_\_\_/10

* Planned methods
* Actual methods
* Changes to methods
  + Experimental justification for changes

\_\_\_\_\_/10

Results

* pH of final solution as compared to pH of initial solutions
* Temperature of solution before and after the reaction
  + NaOH as a solid versus a solution
* Presence of salt

Conclusion \_\_\_\_\_/20

* Did your reaction produce a true neutralization?
  + Evidence
* Was the reaction exothermic or endothermic?
  + Evidence
* What were the products of your reaction?
  + Evidence