Ecology Experience Field Trip Write Up

**Introduction**: *Establish purpose.*

1. What the ecology field trip is about/ what scientific concept (theories, principles, procedure, tec.) you are learning by doing this project
2. Present the objective: what is being done in the experiment
3. Offer a hypothesis of best estimation of outcome of project

**Materials & Methods:** *Explain specific process of investigating in each station (use appropriate transition words ie: first, second, last, etc.),* ***this should be in your own words*** (Write a paragraph for each item)

1. Soil Ecology
2. Water Ecology
3. Plant Biodiversity

**Diagram, Table or Graph:** *If a picture is worth at least a thousand words, a good diagram is worth twice that many.* (**Use at least three…one for each station**)

1. Include labels & measurements

**Results of Preliminary Test:** *Report the outcomes of the each test.*

1. REPORT is a key word because “results” should not contain any explanations or interpret the data in any way. “Results” should stick to the facts.

**Discussion:** *Interpret your results- explain, analyze, & compare*

1. Make statements about whether the findings in the “results” support or do not support the expected findings stated in the hypothesis. Explain thoroughly.
2. Revisions you could make if you were to re-do this investigation, suggestions for a team of scientists if they were to re-do this investigation

**Conclusion:** *What have I learned?*

1. Write about what you have specifically learned during this project