Lab Reports

Title: a brief, concise, yet descriptive title (can be creative)

I. Statement of the Problem
   1. What question(s) are you trying to answer?
   2. Include any preliminary observations or background information about the subject.

II. Hypothesis
   1. Predict the solution for the problem.
   2. Make sure this possible solution is a complete sentence.
   3. Explain why you have chosen your hypothesis as a possible solution.

III. Materials
   1. Make a list of ALL items used in the project. This section can be written in complete sentences, or in list form.

IV. Methods
   1. Write a paragraph (complete sentences) which explains what you did in the project as a short summary.
   2. Then add details (step-by-step) of your procedure in such a way that anyone else could repeat the process.

V. Results (Data)
   1. This section should include any data, calculations, graphs, or additional notes you make during the lab.
   2. You may attach a separate sheet(s) if necessary.
   3. All tables, graphs and charts should be labeled appropriately.

VI. Conclusions
   1. Accept or reject your hypothesis.
   2. EXPLAIN why you accepted or rejected your hypothesis using data from the lab.
   3. Include a summary of the data - what did your numbers tell you? Try not to copy your data here; instead, you should summarize and reference KEY information.
   4. List one thing you learned and describe how it applies to a real-life situation.
   5. Discuss possible errors that could have occurred in the collection of the data.