**Lab Report Template for UV Bead Lab**

1. **Title:** 
   1. a brief, concise, yet descriptive title
2. **Statement of the Problem:**
   1. What question(s) are you trying to answer?
   2. Include any preliminary observations or background information about the subject
3. **Hypothesis:**
   1. Write a possible solution for the problem.
   2. Make sure this possible solution is a complete sentence.
   3. Make sure the statement is testable, an if-then statement is recommended to illustrate what criteria will support your hypothesis (and what data would not support the hypothesis).
4. **Materials:**
   1. Make a list of ALL items used in the lab. Alternatively, materials can be included as part of the procedure.
5. **Procedure:**
   1. Write a paragraph (complete sentences) which explains what you did in the lab as a short summary.
   2. Add details (step-by-step) of your procedure in such a way that anyone else could repeat the experiment.
6. **Results (Data):**
   1. This section should include any data tables, observations, 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.
7. **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 - averages, highest, lowest..etc to help the reader understand your results. Try not to copy your data here, 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 (experimental errors)