Lab Report Format

All lab reports should contain the following sections:

1. **Title:**

2. **Focus Question:** (testable question)

3. **Purpose:** (possibly) (gives the objective of the activity; what concept or skill is highlighted by this activity?)

4. **Background:** (possibly) (what information do I already know or can I find easily?)

5. **Hypothesis:** (answer to the focus question)

6. **Materials:** (list of items you need to carry out the experiment)

7. **Procedures:** (steps to carry out the experiment, can include diagrams)

8. **Data:** (measurements or observations usually in some sort of table)

9. **Analysis:** (most likely includes a graph and for 8th grade, usually questions to be answered; can include diagrams, only fact is stated here!)

10. **Conclusions:**

   a. What did you learn?

   b. Hypothesis restated and what was right or wrong about it; this is where you include your opinion as to why the results came out as they did.

   c. Recommendations/changes for future trials to improve the experiment

Also,

- These above headings should stand out (**bold**, different **color**, underlined etc.)

- Order **does** matter, along with format; space between each section.

- Size 12, Times New Roman font only

Short example on back.
Conclusion:
Different types of balls bounce to different heights from the same starting point depending on what they are made out of. The tennis ball bounced the highest (63cm) while the baseball bounced the lowest (20cm). In the future, more types of balls could be tested or different balls made with similar materials could be tested against each other for example, all the types of balls tested could have air in the middle or all solid types of balls.