

Make sure you do the following for each section and you will create a full and thought-out report. Compare to the sample lab I gave you to see how my student did her report.

Intro: Using complete sentences

First: Tell me what you are currently learning about in science class.

Second: Use a few sentences to describe what you know about the topic

Third: Describe the purpose of the activity.

Procedure: Number each step and describe all that you did. Be precise and use **your words**. Do NOT just copy any directions from the paper you were given. Many times I change them and I want you to tell me in your words so that I know you understand exactly what you did.

Example: 1. We obtained 10 nickels and measured their length when lined up to the nearest tenth of a cm using a ruler.

2. We then repeated this for 3 nickels and then 1 nickel.

Data: You may write "See Data Table on Sheet" if you have completed data on lab sheet. If your sheet is sloppy or there is no table, you will need to record data in the report

Discussion Questions: Answer any questions I have provided in complete sentences. If you have done this on the lab sheet, you may write "See Lab sheet for Questions" or something similar.

Error Analysis: This is the tough one. Think about some things that could have made your measurements a little off. Or if there are no measurements, how is the procedure flawed? Then suggest an improvement to correct the errors. BE SPECIFIC. List 3 or 4 sources.

Example: 1. It was hard to see the curve (meniscus) in the cylinders. I wonder if colored water may have made this easier or using bigger cylinders.

2. The nickels were wet when we took their mass. We could've dried them.

Conclusion: Describe all that you learned in the lab. This is where you must think and reflect about the activity and then record your thoughts. I am looking for critical analysis and any insights you might have. How does this relate to/remind you of other experiences or concepts? Describe what happened that was different than you expected. Do **NOT** tell me something "poofy" like "Now I will use this knowledge forever in my science career. Describe things you noticed.