**Lab Report Conclusion Outline**

I **D.A.R.E** you to remember how to write a great conclusion for your lab report

**D -** Define the problem

**A** **-** Answer the question – is your hypothesis right orwrong

**R -** Refer to data

**E -** Explain how your would improve your experiment and reflect on sources of error

**\*remember not to use personal pronouns (I, we, our, etc.) and no contractions (don’t, can’t)**

|  |  |  |
| --- | --- | --- |
| **Paragraph 1**  ***Define and***  ***Answer*** | Restate the Question / Purpose | The question investigated in this experiment was……. |
| Restate the Hypothesis | It was hypothesized that…… |
| Was the hypothesis supported or refuted? | The results of this experiment (supported or refuted) the hypothesis because……. |
| State the conclusion (what was the answer to the purpose?) |  |
| **Paragraph 2**  ***Refer*** | Support your conclusion with specific qualitative and quantitative data (refer to your table, graphs, and observations), discuss any trends in your data | As shown in the graph….  “Control”….compared to the “experimental” |
| **Paragraph 3**  ***Explain*** | Discuss your degree of confidence (if you were to repeat this procedure exactly would you get the same results) How did you control your variables? | The degree of confidence in this experiment is 80 %, because …. |
| Give at least 2 supporting statements about the validity of your results (were there any errors? Things that went wrong) | The results may not be valid because…… |
| Give at least 2 statements about how to improve the experiment, what could you do differently? - (you are not changing the experiment, keep your variables) | When performing this experiment again, it will be important to……. |
| **Paragraph 4** | In 2-3 sentences summarize your purpose and end result. | This experiment was conducted to find out.., results indicate that.. |
| Give examples that relate to real life |  |