**Lab Report Introduction Outline**

An effective introduction to a lab report typically performs the following tasks, generally in the order presented: **\*remember not to use personal pronouns (I, we, our, etc.)**

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| **What the lab is about?** | What scientific concept (theory, principle, procedure, etc.) you are supposed to be learning about by doing the lab  What were you trying to figure out? | In order to find out……  This laboratory experiment focuses on ………  This lab is designed to help students learn about, observe, or investigate |
| **Background Information** | Provide information about the scientific concept (this information can come from the lab manual, the textbook, lecture notes, etc.) | According to….  The theory behind…..  Incorporate definitions into this part |
| **What is the goal /purpose?** | What is being done in the experiment, such as to measure something, to test something, to determine something, etc. | To determine….  The purpose of this lab was to…  The main objectives of this lab were to…… |
| **Hypothesis / explanation** | State the hypothesis  Explain the scientific reasoning that leads the researcher to that hypothesis ( this is the *because* portion of the hypothesis) | If the *IV* is related to the *DV*, *then* … (your prediction), *because*… (previous knowledge).  \*\*\*The because portion of the hypothesis should be backed by a scientific concept |
| **List** | Independent Variable:  Dependent Variable:  Constants (control variable):  Control Group:  Experimental Group: |  |