

Sanborn Regional School District Lab Report Form

Middle School Format 8th Grade- To be used at least twice during the school year

Directions for Writing Your Laboratory Report:

Working on your own, summarize your experiment and results. Use your own notes. You may wish to write a draft of your report on scratch paper. **Your report must have the following section headings and include the following information:**

Science Lab Report: Focus Correction Areas (FCAs)	Remember
I. <u>Purpose</u> <ul style="list-style-type: none"> • What is the purpose of this lab? • What are the independent and dependent variables? • How does this lab tie into what is being studied in class? • What application to real-life does this lab have? 	2-4 sentences (some labs may have more depending upon the nature of the experiment)
II <u>Hypothesis</u> <ul style="list-style-type: none"> • What do you think will happen as a result of your actions? (“If ... (independent variable), then ... (dependent variable)”) 	One “If...then..” statement
III. <u>Materials</u> <ul style="list-style-type: none"> • Materials <u>list</u> must be included. 	Bulleted list & numbered materials....no paragraphs
IV. <u>Procedure</u> <ul style="list-style-type: none"> • A <u>step-by-step</u> procedure must be clearly written so that someone else could clearly replicate your experiment. • The design must control the variables (only <u>one</u> independent and <u>one</u> dependent variable, include a control, if applicable) 	Bulleted list & numbered procedure....no paragraphs
V. <u>Data and Measurements</u> <ul style="list-style-type: none"> • Include all data in this section. • Tables, charts, and/or graphs must be included where appropriate and properly labeled. • Independent and dependent variables are identified in all data tables and graphs. • All calculations must be included in this section. 	Data tables & calculations...no paragraphs
VI. <u>Observations</u> <ul style="list-style-type: none"> • Describe what is observed through your senses 	One paragraph
VII. <u>Conclusions</u> <ul style="list-style-type: none"> • Clearly stated results of your experiment • Use your data to explain your results • Explain whether or not your hypothesis was correct • How could this experiment be improved if it was done again? 	One or two paragraphs

No personal pronouns!

NO 1st person (I, we), 2nd person (you), or 3rd person (he, she)!