Inquiry Lab Format

TITLE and AUTHORS	The title should describe the work to the reader. Include the variables that are manipulated and the author(s)	3
***QUESTION**	Narrowly focused and suggests how an answer might be investigated. It is answerable.	3
***BACKGROUND**	Where does this question fit with what is known? Include information obtained by your background reading.	10
***HYPOTHESIS**	Presented in an "If…then" prediction that structures your research.	3
***MATERIALS**		5
***PROCEDURE**	This section should be in sufficient detail so that others can repeat your research. It should be easy to follow.	10
***SAFETY CONSIDERATIONS**		5
RESULTS	Describe the results clearly. Use graphs, tables and charts to help clarify the results. Include a discussion of any statistics you used to describe or test your data. Save any conclusions for the DISCUSSION ◦ ***Data Table(s)** (titled, calculations completed) ◦ **Graph(s)** ◦ **Statistical Tests (if appropriate)**	 10 15 (tbd)
DISCUSSION	◦ Results summarized ◦ Results compared to hypothesis and primary question. ◦ Errors identified. If the results are unexpected or contradictory, you should attempt to explain why, discuss sources of error ◦ Suggestions for improvement ◦ Possible avenues for further research based on your results.	4 2 4 4 4
LITERATURE CITED	Include all published works mentioned in your presentation. List in bibliographic form.	3
CORRECT USE OF LANGUAGE	◦ Grammar ◦ Punctuation ◦ Spelling	5
OVERALL PRESENTATION Poster	◦ Neat ◦ Organized logically	5 5

ABSTRACT

The abstract is a one or two paragraph condensation of the entire article giving the main features and results of the work described more completely in the poster.

3/26/2014 Modified by Theresa Holtzclaw from work done by Brad Williamson based on
A Handbook of Biological Investigation. Harrison W. Ambrose III and Katharine Peckham Ambrose. 1995. Hunter Textbooks.