**Project # \_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Problem: To what degree is the problem new and/or different & how is it written?**

\_\_\_\_\_ No problem statement

\_\_\_\_\_ Incomplete problem statement

\_\_\_\_\_ Complete problem statement; well-written

\_\_\_\_\_ Complete, well-written problem statement,

 original idea

**Hypothesis: To what degree is this a testable prediction?**

\_\_\_\_\_ No hypothesis

\_\_\_\_\_ Incomplete hypothesis

\_\_\_\_\_ Hypothesis present, but not completely

 testable

\_\_\_\_\_ Well-written, testable hypothesis

**Experimental Design: How well is the plan developed to validate the hypothesis?**

\_\_\_\_\_ Lacks overall plan to validate or confirm

 the hypotheis

\_\_\_\_\_ Partial plan to validate or confirm the

 the hypothesis

\_\_\_\_\_ Sufficient plan to validate or confirm the

 hypothesis

\_\_\_\_\_\_ Exemplary plan to validate or confirm

 the hypothesis

**Variables and Controls: How well are the variables identified and controlled?**

\_\_\_\_\_ No variables or controls are identified

\_\_\_\_\_ Most variables are identified, but the

 controls are not identified

\_\_\_\_\_ Most variables and controls are identified

\_\_\_\_\_ All variables and controls are identified

**Visual Display: How well is the experiment visually displayed?**

\_\_\_\_\_ No headings, limited information, or not

 typed

\_\_\_\_\_ Board has headings, useful information and

 is typed

\_\_\_\_\_ Board is neat, attractive, and typed but has

 limited tables or charts, graphs and pictures.

\_\_\_\_\_ Board is neat, attractive, typed, and shows

 data concisely in tables or charts, graphs and

 pictures with headings.

**Written Report: To what degree is the experiment described in the written report?**

**\_\_\_\_\_** Report has fewer than 4 sections.

\_\_\_\_\_ Report has cover page, research/

 literature review is at least 2 paragraphs, and some other content

\_\_\_\_\_ Report is in a binder, has cover

 page, research/literature review is at least 4 paragraphs, table of contents that has page numbers, and most other content

\_\_\_\_\_ Report is in a binder, has cover

 page, research/literature review is at least 4 paragraphs, table of contents has page numbers , all other sections completed, and a bibliography that has at least 4 sources

**Logbook: How well was the experimental process and data documented?**

\_\_\_\_\_ Logbook is not displayed

\_\_\_\_\_ Logbook has some dates and minimal

 descriptions of activity, no data

\_\_\_\_\_ Logbook has most dates with descriptions

 of activity, some data, no observations or

 thoughts about project.

\_\_\_\_\_ Logbook has all items dated with accurate

 descriptions, data, and observations/thoughts.