Report Part 1 Peer Review Checklist

**Cover Page**

Are all the students listed in the group on the cover page?

Are the students listed in alphabetical order by last name?

Is all *italicized* text removed from the cover page?

**Title**
Is there a title? Does the title relate to the topic of the paper? Does the title make sense?
Is the title not just restating the topic of the paper?
Is the title properly capitalized and centered vertically and horizontally on the page?

Is the title the only words on the title page?

Is all *italicized* text removed from the title page?

**Table of Contents** (It is OK to keep the instructions [italics] on this page)

Is the Table of Contents on its own page after the title page?

Is the Table of Contents present?

**Abstract** (It is OK to keep the instructions [italics] on this page)

Is the Abstract on its own page after the table of contents page?

**Introduction Section**

Is all *italicized* text removed?
Are personal pronouns avoided?

Is each section free of errors in grammar, spelling, and reasoning?

**Purpose**

Is this section written using complete sentences, in paragraph form?

Does the paragraph explain why the project was selected for a **scientific** reason?

**Investigative Question**

Does this section contain one sentence in the form of a question?

Is the question 1) testable 2) by your group?

Does the question refer to your dependent and independent variables?

**Background Research**

Does this section contain one sentence only?

Does the sentence refer to the title of the related research paper?

**Hypothesis**

Does this section contain one sentence only?

Is the sentence 1) a testable statement 2) which predicts the outcome of your experiment?

**Methods Section**Is all *italicized* text removed?
Are personal pronouns avoided?

Is each section free of errors in grammar, spelling, and reasoning?

**Experimental Design**

**Variables**

**Independent:** Does the name of the variable follow the colon?

**Dependent:** Does the name of the variable follow the colon?

**Constants:** Are all the constants listed? Are items separated onto new lines, or with bullet points? Are the dependent and independent variables omitted from the constants list?

**Controls**: Is the control or control group briefly described? If there is no control, is the word “None” after the colon?

**Uncontrolled Factors:** Are any uncontrolled factors briefly described? If no uncontrolled factors are anticipated, does the word “None” appear after the colon?

**Materials**

Are materials listed with brands and amounts?

If brands and/or amounts are not yet known, is “TBD” used to show where they will be filled in?

Are amounts given in metric units?

Are items separated onto new lines, or with bullet points?

Is Equipment listed separately, with its own heading?

**Procedures**

Are procedures given as a list of numbered steps?

Does the procedure omit “gather the materials” or a similar statement?

Does the procedure include how you will set up your experiment (for example, planting seeds)?

Does the procedure include how you will conduct the actual test?

Does the procedure include how you will measure?

Does the procedure include steps to record data?

Does the procedure include how you will repeat steps and take measurements for at least five (5) trials per value of the independent variable?

Does the procedure include all necessary steps?

Does the procedure end with data collection and clean up, omitting any analysis tasks?

Are the procedures sufficiently detailed so another person could exactly reproduce your experiment?

Are brands and amounts used included, or is the placeholder TBD used?

Are all measurements taken using metric units?