

	Not Meeting Expectations	Minimally Meeting Expectations	Fully Meeting Expectations	Exceeding Expectations
<b>Research Questions &amp; Hypothesis (4 marks)</b>	Research question and/or hypothesis are not included or not appropriate or explained.	Research question may not be clear, or interesting. Hypothesis may not explain what you think the answer to the research question will be.	Research question may not be clear, or interesting. Hypothesis explains what you think the answer will be but isn't totally clear.	Research question is clear, interesting. Hypothesis clearly explains what you think the answer to the research question will be.
<b>Survey (4 marks)</b> <b>**Must have at least 1 Q with numerical ans to use for stats.</b> <b>**Avoid y/n Qs!</b>	Survey included fewer than 6 questions or did not include good options for the questions given.	Survey may not include 10 questions. Some may not be clear or include appropriate options.	Survey includes 10 questions. Some questions may not be clear or include appropriate options.	Survey includes 10+ questions that are clear and include appropriate options.
<b>Data Collection (4 marks)</b>	Data was collected from fewer than 25 people or data was not submitted with the project.	Data was collected from fewer than 50 people and may not have been recorded in an organized or clear manner.	Data was collected from a minimum of 50 people but may not have been recorded in an organized or clear manner.	Data was collection from a minimum of 50 people and recorded in an organized and clear manner.
<b>Representation of Data (8 marks)</b>  <b>**Stats! This is why you need to have at least one question with # answers (like: length of time, # of km over speed limit, test scores, ...), otherwise you will have difficulty doing mean, s.d., etc.</b>	Representations do not include most of the following, or an explanation of why it is not appropriate for the data: mean, median and mode, histogram, frequency polygon, bar graph, pie chart, normal distribution, standard deviation, z-score. Representations are poorly done without the necessary labels, titles and calculations and not neatly displayed or may not be included.	Several of the following representations are not included, and an explanation of why it is not appropriate for the data is not provided: mean, median and mode, histogram, frequency polygon, bar graph, pie chart, normal distribution, standard deviation, z-score. Representations include may not include all necessary labels, titles and calculations may not be neatly displayed.	Representations include most of the following, or an explanation of why it is not appropriate for the data: mean, median and mode, histogram, frequency polygon, bar graph, pie chart, normal distribution, standard deviation, z-score. Representations include most of the necessary labels, titles and calculations and neatly displayed.	Representations include all of the following, or a clear explanation of why it is not appropriate for the data: mean, median and mode, histogram, frequency polygon, bar graph, pie chart, normal distribution, standard deviation, z-score. Representations include all necessary labels, titles and calculations and neatly displayed.
<b>Analysis of Data (4 marks)</b>	Analysis includes a discussion of findings from fewer than 6 of the questions asked. Discussion may not be focused toward the research question and hypothesis.	Analysis includes a discussion of the findings from most of the 10 questions asked. Discussion may not be focused toward the research question and hypothesis.	Analysis includes a discussion of the findings from each of the 10 questions asked. Discussion is mostly focused toward the research question and hypothesis.	Analysis includes a clear discussion of the findings from each of the 10+ questions asked. Discussion is focused toward the research question and hypothesis.
<b>Conclusion (4 marks)</b>	Conclusion is minimal. Several of the following may be omitted or poorly discussed: research question answered, hypothesis supported, and problems with the research, any limitations or bias.	Conclusion includes a general summary of the project findings. Most of the following are discussed: research question answered, hypothesis supported, any problems with the research, any limitations or bias.	Conclusion includes a general summary of the project findings. Specifically, research question answered, hypothesis supported, problems with the research, any limitations or bias are discussed.	Conclusion includes a general summary of the project findings. Specifically, research question answered, hypothesis supported, problems with the research, any limitations or bias are clearly discussed.
<b>Presentation (8 marks)</b>	The presentation is deficient in several of the following areas: content, organization, audience engagement and visual appeal. The delivery is not clear or effective.	The presentation does not cover all of the necessary content. It may not be well organized, or engage the audience, and or be visually pleasing. The delivery may not be clear or effective.	The presentation covers most of the required content. In general, it is well organized, engages the audience, and is visually pleasing. In general, the delivery is clear and effective.	The presentation covers the required content. It is well organized, engages the audience, and is visually pleasing. The delivery is clear and effective.

