

<b>Variables and Hypothesis</b>	<b>An explanation of which factors will be changed while conducting the experiment and a hypothesis on the resulting impact of the change.</b>	<b>October 16 10 points</b>
<b>Materials and Procedures</b>	<b>A detailed list of the materials that will be used to conduct the experiment and the detailed steps that will be followed while conduct the experiment</b>	<b>October 23 10 points</b>
<b>Conducting the Experiment</b>	<b>There should be a minimum of two weeks here to allow the students to do multiple runs of their experiments. Minimum Trials: 3 runs of experiment. If students are working with plants, they should have 3 plants for each variable tested.</b>	<b>November 6</b>
<b>Data Analysis and Graphs</b>	<b>The analysis of the experimental data. A summary of the findings of the experiment.</b>	<b>November 13 20 points</b>
<b>Conclusions</b>	<b>An explanation of the results of the experiment.</b>	<b>November 18 25 points</b>
<b>Final Report</b>	<b>A report that collects all the above written assignments in one place plus a short abstract of the project.</b>	<b>November 30 10o points</b>
<b>Display Board</b>	<b>The final project board that will be displayed at the science fair.</b>	<b>January 13 100 points</b>
<b>School Science Fair</b>	<b>The date the students must turn in their projects to the teacher or to the school science fair.</b>	<b>January 25-29</b>