

**Science Project Assessment** Project Question: \_\_\_\_\_

Name 1 \_\_\_\_\_ Name 2 \_\_\_\_\_ Name 3 \_\_\_\_\_ Date: \_\_\_\_\_

	You Fill Out ↓	For Mr. B. ↓
<b>The problem is original.</b> (or is a unique approach to an old problem). Have you seen this project before? Is this project just repeating an idea you looked up or did you come up with it?	0 1 2 3 4 5	0 1 2 3 4 5
<b>The project is advanced.</b> Have you seen the project before? Could it have been done in 5 <sup>th</sup> grade? How about 7 <sup>th</sup> or 8 <sup>th</sup> grade? Do you believe this is an advanced high school project?	0 1 2 3 4 5	0 1 2 3 4 5
<b>The project shows depth of study and effort.</b> Did the testing take just a few hours on one or two Saturdays or did you spend several hours testing regularly over a period of several months?	0 1 2 3 4 5	0 1 2 3 4 5
<b>The experimentation process is scientifically sound.</b> Is your testing set up so that you have varied just one factor, as best as possible, and kept the other factors constant? Does your project show clearly that you understand the scientific method and terms like “control,” etc?	0 1 2 3 4 5	0 1 2 3 4 5
<b>The amount of testing is adequate and the experiments have been repeated.</b> Did you run enough tests to draw firm conclusions? Was there an adequate number of subjects in each test group? Did you repeat the same tests several times to verify that you are getting similar results? Or, did you run each test just once?	0 1 2 3 4 5	0 1 2 3 4 5
<b>The conclusions are logical, relevant, and based on the data collected.</b> Do your conclusions come directly and solidly from the results of your experiments or did you liberally interpret your results to draw conclusions which were not based on scientific evidence?	0 1 2 3 4 5	0 1 2 3 4 5
<b>You have regularly communicated with scientist mentor who has overseen your project.</b> Did you get regular input from a scientist to make sure your experiment was scientifically sound?	0 1 2 3 4 5	0 1 2 3 4 5
<b>The information is complete</b> and supplemental literature, research, mentor(s), and external resources have been used and this information is included in your project and notebook. Did you go well beyond your testing to find out more information about your topic or was your research limited to a few Google searches and/or some Wikipedia definitions?	0 1 2 3 4 5	0 1 2 3 4 5
<b>You are knowledgeable about your project.</b> Have you become an expert on your topic? Do you show confidence in your project and testing? Would you be able to teach the concepts to those without your expertise? Could you answer difficult questions about your topic?	0 1 2 3 4 5	0 1 2 3 4 5
<b>The display is distinguished and professional looking.</b>	0 1 2 3 4 5	0 1 2 3 4 5

<b>How realistic your personal assessment scores are (This box is filled in by Mr. B only)</b> How honest Mr. B thinks you were with yourself compared to how honest others were. If you graded yourselves lower than Mr. B did, this box will automatically be a 10.	0 1 2 3 4 5 6 7 8 9 10
--	------------------------

<b>Total Points Earned for the Science Project (out of 110 points possible)</b>	
---	--