



Physics - Mini Project

It's the Law!

Guideline to Success

Due Date:
Tuesday, May 13
Grade Value: 40 Points

The due date is **Tuesday, May 13.**

Category	0	1	2	3
Introduction/Conclusion	Does not appear to have an introduction or conclusion	Has an introduction or conclusion but not both	Has a good introduction and good summary of project	Audience had a clear understanding of what to expect and clear summary was given
Organization	Audience cannot understand presentation because there is no sequence of information	Audience has difficulty following presentation because student changes topics often	Student presents information in logical sequence.	Student presents information in a logical, interesting sequence which audience can follow
Preparedness	The student does not seem at all prepared to present	The student is somewhat prepared but it is clear that rehearsal was lacking	Student seems pretty prepared but might have needed more rehearsals	The student is completely prepared and has obviously rehearsed.
Enthusiasm	Very little use of facial expressions or body language. Did not generate much interest in topic being presented.	Facial expressions and body language are used to try to generate enthusiasm, but seem somewhat faked.	Facial expressions and body language sometimes generate a strong interest and enthusiasm about the topic in others	Facial expressions and body language generate a strong interest and enthusiasm about the topic in others. Everybody is listening.
Speaks Clearly /Eye Contact	No eye contact, reads the report, talks softly, or not clearly understood	Has a few of the problems prior mentioned	Mostly has eye contact, does not read the report, speaks clearly and mostly can be heard	Looks relaxed and confident, eye contact with everyone, volume loud, speaks clearly and distinctly
Content/Scientific Knowledge and Language	Does not seem to know the topic very well and did not know Sci Principles	Uncomfortable with the topic and unsure of Sci Principles demonstrated	Shows good understanding of parts of the topic. Mostly knows Sci principles	Shows full understanding of the topic. Clear and accurate Sci principles explained
Complexity/Difficulty of Effort	Not much building involved, just brought in objects to demonstrate	Objects were simply made not much time required to build project minimal demo use	A very good working model that took time to gather materials and to build, many demo uses	Went beyond what was expected, spent time creating a great project to demo –Wow the class
Construction Care	Construction appears careless or haphazard. Many details need refinement for a strong or attractive product.	Construction accurately followed the plans, but some details could have been refined for a more attractive product	Construction was careful and accurate for the most part. Mostly attractive.	Great care taken in construction process so that the structure is neat, attractive and follows plans exactly.
Construction Materials	Inappropriate materials selected and contributed to a product that performed poorly	Appropriate materials were selected	Appropriate materials were selected and there was an attempt at creative modifications to make them even better.	Appropriate materials were selected and creatively modified in ways that made them even better.
Function/Work ability	Fatal flaws in function with complete failure under typical stresses.	Structure functions pretty well, but deteriorates under typical stresses	Structure functions well, holding up under typical stresses.	Structure functions extraordinarily well, holding up under atypical stresses.

Points can be taken away for the following:

Behavior while others are performing: _____ (Total number of points to be subtracted from grade)

Do not ask the teacher about your grade: _____ (Total number of points to be subtracted from grade)

Points can be earned for the following: (Given only to those that deserve it – not given to everybody)

Uniqueness and Artistic Creativity: 1 2 3 (Total number of points to be added to grade – not to exceed 3)

Wow Factor – (Really, Really Great): 1 2 3 (Total number of points to be added to grade – not to exceed 3)