

How will this anchor assignment be graded and weighed in the overall grading?

(counts the same as a test in Honors and College Prep Physics, it is ungraded in AP Physics)

Up to 100 points can be earned on this project by the following.

Presentation (35 pts)

You will present your project.

- 1) Demonstrating your knowledge of self locomotion (5 pts)
- 2) Having a quality PowerPoint (10 pts.)
- 3) Having a quality Oral Presentation (10 pts.)
- 4) Explain how your project works. (5 pts)
- 5) Explain the development of your project (5 pts)

Motion (45 pts)

You will receive 5 points if your car moves at all plus,

If your car moves with an average	speed in a range of (m/s)	you will receive (points)
	0.31-0.35	20
	0.29-0.30 or 0.36-.037	19
	0.27-.028 or .38-.39	18
	0.25-0.26 or .40-.41	17

	0.01-.02 or greater than .65	5

You will receive 1 point for every 5 cm your car travels up to a maximum of 20 points.

Timeliness (15 pts)

You will receive 5 points if your preliminary design is submitted by the design due date.

You will receive 10 points if your project is in by the project due date.

Creativity (5 pts)

You will receive up to 5 points for creativity based on the class average of the judging of Neatness, Gee-Wiz Factor, and Aesthetics.

	Wow 10 pts	Good Job 8 pts	Got It 6 Pts	Needs Improvement 4 pts	There's Something 2 pts
PowerPoint Quality	No grammatical or mechanical errors. Engages the audience. The visuals are outstanding. Has graphics or pictures which support the presentation. Expresses your ideas clearly The visuals	Has graphics or pictures which support the presentation. Expresses your ideas clearly The visuals	Has graphics or pictures which support the presentation. Expresses your ideas clearly.	Has no graphics or pictures. Is unclear. Does not support your oral presentation.	You have something.
Oral Presentation Quality	You are knowledgeable about your project. You speak clearly and authoritatively. Your presentation is engaging	You are knowledgeable about your project. You speak clearly and authoritatively.	You are knowledgeable about your project. You speak clearly.	You read your PowerPoint to the audience.	You say something about your project

Outline the opportunities for students to revise their work.

The project is introduced one month before the due date. Preliminary project designs are due 3 weeks before the due date. Revised project designs are accepted as changes are made. There is also a suggested due date (2 weeks prior to the due date) for when the project should be built by, this is so students can have time to test and revise their car before the presentation. The nature of this project involves constant revision. Students need to not wait until the last minute to ensure that they have time to revise their project.