Names: _____

On your website should be the following pages

Lab write up format. Please make sure to title the lab and write your name and date on the lab.

_____ 1. <u>Purpose and Introduction</u>: Who worked on this page? _____

- Put in your OWN words!! What was the purpose of the car project? Also introduce (more than just name and a picture of) the team members and describe what they did in the lab.

_____ 2. <u>Set Up</u>: Who worked on this page? _____

- Use drawings/schematics/pictures movies to aid in making your procedures. "Synthesize" elements from the lab and make sure another group could understand well enough to repeat what you do. This should be a very detailed explanation of how to make your car. List each stepped needed to make the car, also include where you got the information from such as a web address or youtube video.

_____ 3. <u>Data & Calculations</u>: Who worked on this page? _____

- Use tables, label the measurements and what units you used thoroughly.
- **Mass, Distance, Time, Z-Distance, Speed, Mass*Speed, Time Total, Speed Final, Z-Distance, Mass*Speed**
- Use three steps.   A) Formula
                                              B) Actual data replacing the variables
                                              C) The answers with correct units
- Speed, Zee Distance, Mass*Speed

_____ 4. <u>Movies and Pictures</u>: Who worked on this page? _____

- Include movies and pictures of the build process and the different trial runs. Include and explanation of what we are looking at in each picture.

_____ 5. **<u>Analysis and Results</u>**: Who worked on this page? _____

- Write a conclusion based on your findings (more than 1 paragraph). Be sure to include relationships and references to your data and calculations. You are to include reasons for experimental error, possible improvements to the experiment, etc. here. The *analysis* of what went right, what went wrong, and how your lab could be improved are important. The amount of analysis is the most important part of your lab write-up.

_____ 6. <u>Final wrap up</u>: Who worked on this page? _____

- Record a video of each team member telling what they did in the project, what they think went right, and what they think could be improved in the project. What would they improve / change if they had to build a second car? Other thoughts about the project.