

# Mr. Thompson Summer Assignment

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## Honors Physics

As most of you may know, physics involves more than just solving mathematical equations or applying a concept to a scenario. Physics, at its core, involves the formulation of new ideas. It is to that end that I am assigning the following summer assignment. I urge you to take pride in the work that you do for this assignment, however it is not my intent to have this assignment take up a chunk of your summer.

For this assignment, you will need to first familiarize yourself with the google science fair ([www.google-science-fair.com](http://www.google-science-fair.com)). Make sure to browse the website to look at previous entries and see the competition rules.

Next, you will need to think of one idea that could be submitted to the Google Science Fair. When you are happy with the idea that you have chosen, you should then research that idea to make sure that very few to no people have already submitted this.

Finally, you will need to elaborate on the idea that you have formulated. You do not need to actually build your idea, but it should be detailed enough that you could build it if you decided you would like to submit it to the Google Science Fair. Make sure to include a design/drawing and write about why you think this would be a good idea for the Google Science Fair.