

# Physics in the World Paper

The purpose of this paper is to analyze the physics in a topic of your interest. Pick any topic you want and write about it. For some of you this is going to be an easy assignment, for others it may be more tricky. The key is that when you are writing this paper; don't just put words down to put words down. Although length is part of the grade criteria, it is more important to connect all of your topics and be thorough with what you are writing. To achieve a good grade on this project you need to explain everything fully.

Pick any physical topic and discuss it with your teacher. After the topic is approved, research it and write a minimum of a 1250 word paper. The word count should not include the heading or the citation. The ground rules of this project are that your paper needs to be a complete study of the topic. Incorporate all topics and equations that we have covered that apply to your topic to strengthen your paper. Add to the paper any new equations or theories. You may cite as many resources as you want, but do not plagiarize. Write your own paper. Using the Journals / News page under the links menu on [croomphysics.com](http://croomphysics.com) can help you find research and maybe even a topic.

After your paper has been written create a project to demonstrate your further understanding of this topic. This project can be anything from a diagram, to physical model, to a lab you create. All computer based presentations must be digitally submitted on the pub drive by 2:20 the day before the assignment is due. This is so time is not wasted getting the presentations onto the computer during class. The grading rubric for this as well as your paper can be found on the back of this sheet. Use the back of this sheet as your cover page.

Will count as a test for the fourth quarter. It should demonstrate everything you learned this year about writing a good physics paper including how to right a good theory. This is not a lab report so you do not need to have specific sections, but charts, graphs, example problems, areas for future research, and a generally good scientific writing style will enhance your grade. Late Submission will constitute a zero. **Remember this is your final project. Your work should represent to the teacher all you have learned this year.** Do not hand in remedial work and expect to get a passing grade.

Good Luck,

*Dr. Croom*

