Physics Research Power Point Project

Purpose: To familiarize yourself with the process of doing scientific research and to allow you to investigate an area of physics that interests you. You will be teaching us about your topic so your power point should be informative.

Requirements:

1. Topic: the topic must be directly related to Physics
2. Length: Minimum of 5 slides for the body of the report

(You must have a cover slide and a resource slide for two additional slides = total of 7 slides minimum)

1. Resources: Internet and Library Resources
	* All sources MUST be cited on a resource slide

Power points should include:

1. Title page (1 slide)
2. Introduction to your topic (What will you be teaching us?)
3. Body of your report (2-3 slides)
4. Example of how your topic is used/why it is important?
5. Conclusion/Summarization (Application & Importance of topic to physics)
6. Resources

\*\*\*School appropriate pictures/diagrams may be added to the presentation. If you wish to include a video it can be no longer than 2 minutes long. \*\*\*

\*Please no weird animations or strange fonts. It should be easy and pleasant to read!\*

Possible Topics: (If you have an idea for a topic not on the list come get it approved by me first.)

|  |  |
| --- | --- |
| Electric Cars | Projectile Motion |
| Cell Phone Radiation | Wind Energy |
| Microwaves in your Microwave | Elevators and “weightlessness” |
| Centripetal Force in Medicine | Clean Energy |
| Engineering in Physics | Optics & Reflections |
| Rollercoasters | 3D printing |

You will have Wednesday through Friday in class to research and develop your power point. After spring break you will present your findings on Monday and Tuesday. **Your presentations should last 6-8 minutes and you may work with a partner**. BOTH partners must participate in the research, development, and presentation of your project.