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# Cornell Notes

Period 4

Name Osney Martinez

Date 12/15/11

Topic

Class/Subject Physics / Frago

11:20 am

Research Project Report

Email :

Look up an article and choose an article from the sites approved by Ms. Frago (approved sites are on attached guideline)

Email her your article by Friday 12/16/11

bfrago@nview.k12.ca.us

Entire Report Due : Jan 6<sup>th</sup>

\* Choose article and email to Ms. Frago by Fri 12/16/11.

# Cornell Notes

Name

Date

Topic

Class/  
Subject

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**Research Project Report (100 points)**  
**PHYSICS**  
**Due Date: January 6<sup>th</sup>, 2012**

For this assignment, you will have to find and present a scientific article on a topic relevant to Physics. Your article must be on a current issue or discovery, at least 2 pages in length and meet 3 of the following criteria:

- i. State a problem to be solved
- ii. The method used to solve a problem
- iii. A new discovery/finding
- iv. Relevant scientific data of interest to the community or society
- v. Implications/significance to society

You are encouraged to do extensive research to find an article that fits the guidelines stated above, but most important, of interest to you since you will be presenting the article in class. You have all period today (Thursday Dec. 15<sup>th</sup>) to look up an article.

Only articles from these sites are approved to be used:

- [www.science.discovery.com](http://www.science.discovery.com)
- [www.sciencemag.org](http://www.sciencemag.org)
- [www.sciencedaily.com](http://www.sciencedaily.com)
- [www.sciencenews.org](http://www.sciencenews.org)
- [www.nature.com](http://www.nature.com)
- [www.popsci.com](http://www.popsci.com)
- [www.science.gov](http://www.science.gov)

approved sites

Once you find the article, print 2 copies of it (one for you to read; turn in the second copy with your name on it; this is 15 pts)—this will be the article you have chosen to present.

**Poster Presentation**

Your report should cover the following areas:

1. What is the article about? What did you find interesting?
2. What is the problem or issue or discovery? How is this relevant to you? Your community? Society in general?
3. How long did it take scientists to make this discovery? Do they mention any names of people involved?
4. Do you need more background research to understand the topic/issue presented in the paper? If so, can you find more literature for you to review on the topic?
5. What other questions would you ask regarding the topic presented in your article?

Please be sure to have enough information for a presentation of at least 3 minutes, but no more than 5 minutes. You will be graded on content, creativity of poster, and your presentation. Be sure to include pictures or diagrams to make topic more understandable for your audience.

### Scientific Article Presentation

|   |   |  |  |  |   |
|---|---|--|--|--|---|
| <b>Criteria</b>   |   |  |  |  |   |
| <b>Content</b>  | Poster is missing important facts<br><b>(5 points)</b>        |  | Has most of the important facts.<br><b>(15 points)</b> |  | Has all of the important facts.<br><b>(30 points)</b>                     |
| <b>Organization</b>   | Report has no sequence of information<br><b>(0 points)</b>    |  | Report is difficult to follow<br><b>(5 points)</b>     |  | Report is presented clearly and in a logical manner<br><b>(10 points)</b> |
| <b>Explanation</b>  | Cannot explain facts/missing explanation<br><b>(0 points)</b> |  | Can explain some facts<br><b>(5 points)</b>            |  | Clearly explains all facts about element.<br><b>(10 points)</b>           |
| <b>Preparation</b>  | Poorly prepared for presentation<br><b>(0 points)</b>         |  | Prepared a little<br><b>(5 points)</b>                 |  | Very well prepared for presentation<br><b>(10 points)</b>                 |
| <b>Creativity</b>   | None shown<br><b>(0 points)</b>                               |  | Little shown<br><b>(5 points)</b>                      |  | Very creative poster/report<br><b>(10 points)</b>                         |
| <b>Article (due Dec 15<sup>th</sup>) and Summary Handout (due Jan 5<sup>th</sup>)</b> |   |  |  |  | <b>30 points</b>  |
| <b>Subtotal</b>   |   |  |  |  |   |
| <b>Total</b>  |   |  |  |  |   |