**Superhero Project (Physics)**

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| **Description:**      You and your partner must select an existing superhero to research. After choosing your superhero, do research on them. After you have finished up the research, you will make a presentation telling about the hero.  **Presentation Guidelines:**  Your Visual presentation should include the following:   1. Superhero’s background ( name, alias, superhero name, description) 2. Superhero’s superpowers and how they got them 3. 2 situations the superhero was in where they used their superpowers ( these can be both good physics, both bad physics, or a combination) describe the situation setup and outcome 4. Describe what area of physics these situations cover and what equations you will use to analyze the situations 5. Analyze the situation using physics equations…this means using the equations you listed and prove whether these situations are plausible or not ( **Please do not just copy off the internet…this will result in a failing grade)** 6. Reflection: discuss what you learned. How did the superhero stand up to the physics, is there a way that the superhero could improve upon their powers 7. Document your research sources ( source page) 8. Be creative, Part of your grade will be your creativity   **Grading Rubrik:**  Based on 100 points |

* Each of the 8 sections under the presentation guidelines will be used in grading your final project.
* # 1, 2, 7, 8 Count 10 points each
* #3 , 4, 5, 6 Count 15 points each
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