**AP Human Geography Energy Superheroes and Villains**

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**Overview:** *With your partner, you will create an energy “superhero” or “villain” that highlights the advantages and disadvantages of various types of energy or environmental issues. You will be presenting these superheroes to the class.*

***Choices****: Wind, Natural Gas, Coal, Petroleum, Nuclear, Solar, Hydropower, Geothermal, Biomass; Climate Change, Extreme Weather, Acid Rain, Deforestation, Soil Erosion, Waste Disposal.*

**Directions:**

1. Research your assigned energy source through your notes and online sources.
2. Create and diagram an “Energy Superhero/Villain” that highlights the advantages and disadvantages of this type of energy or issue.
3. Include the following components in your visual diagram:
	1. Superhero – what does he/she look like?
	2. Name – who is he/she?
	3. Descriptions of main advantages – *Think of a creative way to communicate these. This could be done in his/her costume, accessories, dialogue bubbles or other items in your drawing. Identify a main super power that corresponds with its strength.*
	4. Descriptions of main disadvantages – *Think of a creative way to communicate these. This could be done in his/her costume, accessories, dialogue bubbles or other items in your drawing. Perhaps even identify his/her main nemesis.*
4. Include a narrative of your hero/villain life story (background on how the powers were gained/used).

 ***Organize your drawing in a similar format to the following example:***



**Superhero/Villain Rubric**

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| Components10 points | * Unique Superhero or Villain name
* Name and description of superhero/villain powers included
* 8 ½ x 11 or 11 x 17 size paper
* DRAWING of your hero/villain
* Life Story included
* Complete bibliography of sources used (APA style)
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| Application and Understanding of Concepts30 points | * Clear connections made to the AP HuG Environmental concept and its impact through the description of the hero/villain’s powers
* Clear connections made to the AP HuG Environmental concept and its impact through the story of the hero/villain’s life (creation story, use of powers during a particular incident, interaction with a nemesis)
* Through various descriptions, creative connections are made to other topics listed below (with who/what would your superhero/villain interact?
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| Effort and Originality10 points | * Effort and time dedicated to the project is clear from the finished product
* Cartoon is neat, easy to read, easy to follow
* Color is utilized to enhance the subject
* Originality is demonstrated through the connections made to AP HuG concepts, as well as to other topics on the project list
* Proofreading and an eye for details is apparent through spelling, mechanics, etc.
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