

Science: Element Superhero/Villain Project Grade 7 Name: _____

Purpose: I understand elements have specific properties. As well, elements can do specific things based off of these properties.

Criteria	Emerging: I can demonstrate an initial understanding of the concepts.	Developing: I can demonstrate a partial understanding of the concepts.	Proficient: I can demonstrate a complete understanding of the concepts.	Extending: I can demonstrate a sophisticated understanding of the concepts.
Superhero/Villain powers	None of the powers chosen make scientific sense based on the element chosen for the hero and the villain.	Some of the powers chosen make scientific sense based on the element chosen for the hero and the villain.	All of the powers chosen make scientific sense based on the element chosen for the hero and the villain.	All of the powers chosen make scientific sense based on the element with insight chosen for the hero and the villain.
Hero/Villain origin story You can do a paragraph for the hero and villain. Or a comic/drawing that explain their origins.	Both stories have little to no detail explaining their origins and motives. Each story is not in complete sentences and paragraph format.	Both stories have some details explaining their origins and motives. Each story is in complete sentences and paragraph format.	Both stories have lots of details explaining their origins and motives. Each story is in complete sentences and paragraph format.	Both stories have extensive details explaining their origins and motives. Each story is in complete sentences and paragraph format.
Drawing of hero and villain fight seen	There is no drawing of either the hero or the villain.	There is a simple drawing of both the hero and the villain.	The drawing is a mostly accurate and detailed drawing of both the hero and the villains fight seen.	The drawing is accurate and detailed of both the hero and the villain. It makes scientific sense how the hero wins.
Sources of information	There are no websites listed. The information from the sites matches up with what is said in the project.	There are few websites listed. The information from the sites matches up with what is said in the project.	There are numerous websites listed. As well, the websites are reliable. The information from the sites matches up with what is said in the project.	There are numerous scientific based websites listed. As well, the websites are reliable. The information from the sites matches up with what is said in the project.
Conventions: Complete sentences Spelling Punctuation Grammar	Frequent errors in spelling. Very little to any punctuation. Sentences are often run-ons or fragments. Difficult to understand writing.	Some errors in spelling, punctuation, and grammar that do not interfere with the meaning. May have some run-on sentences or fragments, but the writing can still be understood.	May include some errors while trying to use more complex vocabulary. Most sentences are correctly written.	May include a few errors when trying to use more complex vocabulary. Sentences are correctly written. Overall, writing has few to no errors and is more sophisticated.

