

Name: _____

Pd: _____

Element Research Paper Rubric

	1 Needs Improvement	2 Approaching Expectations	3 Meets Expectations	4 Exceeds Expectations
Introduction	* Hook is absent and following sentences don't cover all of the topics to follow.	* Hook is absent or following sentences don't cover all of the topics to follow.	* Hook is weak and/or following sentences provide clear guide for following topics	* First sentence is a hook to introduce your element * Next sentences clearly delineate subtopics to be reviewed
History	* Missing more than 3 of the requirements under category 4	* Missing 2-3 of the requirements under category 4	* Missing 1 of the requirements under category 4	* Element name and symbol * Origin of name * Discovery person * Discovery date * Story (the "how") behind the discovery
Physical Properties	* Missing more than 4 of the requirements under category 4	* Missing 3-4 of the requirements under category 4	* Missing 1-2 of the requirements under category 4	* Classification as metal, metalloid, or nonmetal * Atomic number * Atomic mass * # of Protons * # of Neutrons * # of Electrons * Melting Point * Boiling Point * Freezing Point * Color * Odor * Normal phase (what phase it's found in, in nature)
Chemical Properties	* Missing more than 3 of the requirements under category 4	* Missing 2-3 of the requirements under category 4	* Missing 1 of the requirements under category 4	* Group # with explanation of why * Period # with explanation of why * Reactivity * Heat of combustion * pH

Uses/Fun Facts/Etc.	* Missing 2 or more of the requirements under category 3	* Missing 1 of the requirements under category 3	* Common Uses * Common compounds containing my element * Where element is most commonly found * 2 additional interesting facts	* Common Uses * Common compounds containing my element * Where element is most commonly found * 3 or more additional interesting facts
Conclusion	* Discussion of the impact of the element with 1 or fewer important facts from the research	* Discussion of the impact of the element with 2 important facts from the research	* Discussion of the impact of the element with 3 important facts from the research	* Discussion of the impact of the element with 4 or more important facts from the research
Works Cited	* 1 or no sources given AND/OR at least one or fewer is formatted correctly according to MLA standards.	* 2 sources given AND/OR at least two are formatted correctly according to MLA standards	* 3 sources given AND all 3 are formatted correctly according to MLA standards	* More than 3 sources given AND all are formatted correctly according to MLA standards.
Citation Quality	* Citations are from unreliable sources and inadequate sources are used so there is no support for the research presented	* Citations are from unreliable or inadequate sources, such as Wikipedia or Google	* Citations are from reliable (peer-reviewed) sources but don't provide adequate support of the information in the research paper	* Citations are from reliable (peer-reviewed) sources and provide adequate support of the information in the research paper
Grammar	* More than 4 grammatical errors	* 2-4 grammatical errors	* 1-2 grammatical errors	* No capitalization errors * No spelling errors * Used complete sentences * Written in 3 rd person
Formatting	* More than two formatting errors	* Two formatting errors	* One formatting error	* Paragraphs are properly structured. * Transitions between sections create flow * Paper is at least 3 pages in length * Paper is typed * Cover page includes the name, date, and period in the top right corner, a picture of the element, and the centered title of the research paper

Total: ____/40 pts.