

Circuits – choose one of the following

1. Alessandro Volta

Obviously, the unit of electric potential is named after Volta. Research his contributions to our understanding of circuits. Describe your findings in your own words and be sure to cite your sources.

2. Andre Marie Ampere

The unit of electric current is named after Ampere. His work involved electric current, but in the way you might think. Research his contributions to electrodynamics and electromagnetism. Describe your findings in your own words and be sure to cite your sources.

3. Nikola Tesla

Tesla originally worked for Thomas Edison in his laboratory. However, they could not agree on how to “electrify” a house or a city. Their feud is famous and probably exaggerated. Research Tesla’s contributions to generating electricity. Be sure that you connect what you find to your house, school, etc. Describe your findings in your own words and be sure to cite your sources.

Rubric

SUCCESS CRITERIA	EXCELLENT 4 pts	GOOD 3 pts	FAIR 2 pts	POOR 1 pt
Science Content	<ul style="list-style-type: none"> - Appropriate demonstration of science literacy. - Concept fully explained. - Science specific connection made. - Content is accurate. 	<ul style="list-style-type: none"> - Adequate explanation - Science connection present but could be further developed. - Content is mostly accurate. 	<ul style="list-style-type: none"> - Poor explanation. - Inaccurate science connections. - Misinterprets science. - Content not very accurate. 	<ul style="list-style-type: none"> - No analysis of science topic. - No explanation. - No science specific connection. - Content inaccurate
Organization	<ul style="list-style-type: none"> - Clear headings. - Flows nicely to assist the reader without help. - Complete/finished product. - Multiple sources, citations are correct in MLA format (use Noodletools) 	<ul style="list-style-type: none"> - All info present but unclear. - Must reread for clarity. - Multiple sources, citations attempted in MLA format (use Noodletools) 	<ul style="list-style-type: none"> - No heading, but sectioned. - Hard to follow. - Missing some parts. - Single source, only URL is provided as citation 	<ul style="list-style-type: none"> - Unclear, all over the place. - Missing most parts - Wikipedia is only source, no attempt at citation
Creativity	<ul style="list-style-type: none"> - Interesting and visually stimulating. - Aesthetically appealing use of color, diagrams, and text. - Interest, motivation, effort, and time obviously present. 	<ul style="list-style-type: none"> - Interesting but not visually stimulating. - Some use of color, diagrams, and text. - Some interest and effort present. 	<ul style="list-style-type: none"> - Not very interesting or visually stimulating. - Little use of color or pictures. - Little interest and effort present. 	<ul style="list-style-type: none"> - Not interesting or visually stimulating. - No use of color or diagrams. - Interest and effort lacking.