

Rubric

Science

Outcome	1	2	3	4
I can investigate and interpret the use of devices to convert various forms of energy to electrical energy and electrical energy to other forms	<ul style="list-style-type: none"> The forms of electrical production used and proposed are explained incompletely or incorrectly How each electrical production source works is explained incompletely or incorrectly How each source would be employed within the system is presented incompletely or incorrectly 	<ul style="list-style-type: none"> The forms of electrical production used and proposed are explained briefly or with a few errors How each electrical production source works is explained briefly or with a few errors How each source would be employed within the system is presented briefly or with a few errors 	<ul style="list-style-type: none"> The forms of electrical production used and proposed are explained clearly How each electrical production source works is explained clearly How each source would be employed within the system is presented clearly 	<ul style="list-style-type: none"> The forms of electrical production used and proposed are explained clearly & in detail How each electrical production source works is explained clearly & in detail How each source would be employed within the system is presented clearly & in detail
I can describe and discuss the society and environmental consequences of the use of electrical energy	<ul style="list-style-type: none"> The current electrical production system and how it functions is explained incompletely or incorrectly How the current system design is impacted by economic, societal and environmental factors is explained incompletely or incorrectly The plan created, along with how it will be impacted by economic, societal and environmental needs is explained incompletely or incorrectly 	<ul style="list-style-type: none"> The current electrical production system and how it functions is explained briefly or with a few errors How the current system design is impacted by economic, societal and environmental factors is explained briefly or with a few errors The plan created, along with how it will be impacted by economic, societal and environmental needs is explained briefly or with a few errors 	<ul style="list-style-type: none"> The current electrical production system and how it functions is explained clearly How the current system design is impacted by economic, societal and environmental factors is explained clearly The plan created is explained clearly along with how it will be impacted by economic, societal and environmental needs. 	<ul style="list-style-type: none"> The current electrical production system and how it functions is explained clearly & in detail How the current system design is impacted by economic, societal and environmental factors is explained clearly and in detail. The plan created is explained clearly and in detail along with how it will be impacted by economic, societal and environmental needs.

Math

Outcome	1	2	3	4
I can develop and use a plan for the collection, display and analysis of data by creating a question, choosing a collection method, selecting a sample or whole population, collecting the data, displaying it and drawing conclusions	<ul style="list-style-type: none"> The project includes a incomplete plan for data collection, there are flaws and bias The plan has bias in the sample, issues with population vs. sample efficiency & effectiveness The tool created is not effective for the purpose & overall goal The conclusions drawn are not effective and are not backed up by the data 	<ul style="list-style-type: none"> The project includes a plan for data collection, but there are flaws and some bias The plan has some bias and the population or sample has issues with efficiency/effectiveness The tool created is somewhat effective for the purpose & overall goal The conclusions drawn are somewhat effective and possibly no backed up the data 	<ul style="list-style-type: none"> The project includes a reasonable & unbiased plan for data collection The plan has little bias and uses an efficient population or an effective sample The tool created is fairly effective for the purpose & overall goal The conclusions drawn are effective and for the most part are backed up by the data 	<ul style="list-style-type: none"> The project includes a well thought out, unbiased plan for data collection The plan is unbiased and uses an efficient population or an effective sample The tool created is effective for the purpose & overall goal The conclusions drawn are effective and backed up by the data

Social Studies

Outcome	1	2	3	4
I can compare and contrast the principals and practices of market and mixed economies	<ul style="list-style-type: none"> How electrical production within our province is built as a mixed economy is explained incompletely or incorrectly A proposal for future electrical production and transmission is not presented, ,no rational for keeping the current system or moving towards or away from more of a free market is provided. 	<ul style="list-style-type: none"> How electrical production within our province is built as a mixed economy is explained briefly or with a few errors. A proposal for future electrical production and transmission is presented briefly or with a few errors, including brief rational for keeping the current system or moving towards or away from more of a free market. 	<ul style="list-style-type: none"> How electrical production within our province is built as a mixed economy is explained clearly A proposal for future electrical production and transmission is presented clearly, including rational for keeping the current system or moving towards or away from more of a free market. 	<ul style="list-style-type: none"> How electrical production within our province is built as a mixed economy is explained clearly and in detail A proposal for future electrical production and transmission is presented clearly and in detail, including rational for keeping the current system or moving towards or away from more of a free market.

Language Arts

Outcome	1	2	3	4
I can create writing that has a clear central idea, has relevant details to support the central idea and is interesting to the reader.	<ul style="list-style-type: none"> The student’s exploration of the topic is tenuous and/or simplistic. The student’s purpose, whether stated or implied, is vague. The ideas presented by the student are superficial and/or ambiguous. Supporting details are imprecise and/or abbreviated. The writing is uncertain and/or incomplete and does not appeal to the reader’s interest. 	<ul style="list-style-type: none"> The student’s exploration of the topic is clear and/or logical. The student’s purpose, whether stated or implied, is evident. The ideas presented by the student are appropriate and/or predictable. Supporting details are relevant and/or generic. The writing is straightforward and/or generalized and occasionally appeals to the reader’s interest. 	<ul style="list-style-type: none"> The student’s exploration of the topic is adept and/or plausible. The student’s purpose, whether stated or implied, is intentional. The ideas presented by the student are thoughtful and/or sound. Supporting details are specific and/or apt. The writing is considered and/or elaborated and draws the reader’s interest. 	<ul style="list-style-type: none"> The student’s exploration of the topic is insightful and/or imaginative. The student’s purpose, whether stated or implied, is deliberate. The ideas presented by the student are perceptive and/or carefully chosen. Supporting details are precise and/or original. The writing is confident and/or creative and holds the reader’s interest.
I can use a variety of organizational structures to create writing that has an inviting introduction, a well-developed body and a strong conclusion.	<ul style="list-style-type: none"> The introduction lacks purpose and/or is not functional; any focus established provides little direction and/or is not sustained. The development of details is not clearly discernible, and coherence falters frequently. Transitions are lacking and/or indiscriminately used to connect details within sentences and/or between paragraphs. Closure is abrupt, contrived, and/or unrelated to the focus. 	<ul style="list-style-type: none"> The introduction is functional and establishes a focus that is generally sustained. Details are developed in a discernible order, although coherence may falter occasionally. Transitions tend to be mechanical and are generally used to connect events and/or details within sentences and/or between paragraphs. Closure is related to the focus and is mechanical and/or artificial. 	<ul style="list-style-type: none"> The introduction is purposeful and clearly establishes a focus that is capably sustained. Details are developed in a sensible order, and coherence is generally maintained. Transitions clearly connect events and/or details within sentences and/or between paragraphs. Closure is appropriate and related to the focus. 	<ul style="list-style-type: none"> The introduction is engaging and skillfully establishes a focus that is consistently sustained. Details are developed in a judicious order, and coherence is maintained. Transitions fluently connect events and/or details within sentences and/or between paragraphs. Closure is effective and related to the focus.
I can compose effective sentences that utilize different beginnings and are varied in type and length.	<ul style="list-style-type: none"> Sentence structure often lacks control, and this may impede meaning. Sentence type and sentence length are seldom effective and/or varied; syntactic structures are frequently awkward. There is little variety of sentence beginnings. 	<ul style="list-style-type: none"> Sentence structure is generally controlled, but lapses may occasionally impede meaning. Sentence type and sentence length are sometimes effective and/or varied. Some variety of sentence beginnings is evident. 	<ul style="list-style-type: none"> Sentence structure is consistently controlled. Sentence type and sentence length are usually effective and varied. Sentence beginnings are often varied. 	<ul style="list-style-type: none"> Sentence structure is effectively and consistently controlled. Sentence type and sentence length are consistently effective and varied. Sentence beginnings are consistently varied.