

Newton's Laws Project: Assignment and Rubric

Option 1:

- Write a letter to Sir Isaac Newton.
- Explain each of his laws and how they impact your day-to-day life (examples from your life)
- Explain why you think the laws are important to understand and why they are still studied
- Should be at least five paragraphs
- Should be typed unless adding illustrations or some creative element that must be hand-written

Option 2:

- Write a song explaining Newton's Three Laws that is at LEAST three minutes long
- Your explanation should include examples and a description of why the laws are important to understand
- Song must be recorded – either in a video or a voice recording

Option 3:

- Create a poster explaining Newton's Three Laws
- Should have drawings and captions to visually explain all three laws.
- Must include an explanation of why it's important to understand these laws
- Illustrations must be creative and original

Rubric

	Unsatisfactory 0 points	Needs Improvement 1 point	Satisfactory 2 points	Exemplary 3 points
Explanation of Newton's First Law	This section is absent.	This section is incomplete or does not correctly address the prompt. No examples are provided	Newton's First Law is explained correctly. At least one example is included to support the student's explanation. The argument is clear and coherent.	Newton's First Law is explained correctly. At least two examples are included to support the student's explanation. The argument is clear, concise, and coherent. It is evident that the student has gained mastery of the subject.
Explanation of Newton's Second Law	This section is absent.	This section is incomplete or does not correctly address the prompt. No examples are provided	Newton's Second Law is explained correctly. At least one example is included to support the student's explanation. The argument is clear and coherent.	Newton's Second Law is explained correctly. At least two examples are included to support the student's explanation. The argument is clear, concise, and coherent. It is evident that the student has gained mastery of the subject.
Explanation of Newton's Third Law	This section is absent.	This section is incomplete or does not correctly address the prompt. No examples are provided	Newton's Third Law is explained correctly. At least one example is included to support the student's explanation. The argument is clear and coherent.	Newton's Third Law is explained correctly. At least two examples are included to support the student's explanation. The argument is clear, concise, and coherent. It is evident that the student has gained mastery of the subject.
Explanation of why Newton's Laws are Important	This section is absent.	This section is incomplete or does not correctly address the prompt.	The point is correctly addressed. The argument is clear and coherent.	The point is correctly addressed. The argument is clear, concise, and coherent and uses evidence the student has gathered as support. It is evident that the student has mastered the topic.
Overall Quality	No response is submitted or the submitted response is incoherent or illegible.	The response is incomplete; it does not demonstrate thought or mastery of the topic	The response is complete, coherent, and thoughtful.	The response is complete, coherent, and thoughtful. It is evident that the student has achieved mastery of the topic.
Total				