

Physics Essay Terms 1 & 2

Statement of Inquiry: Driven by an interest both in fiction and in daily life about how the Earth is part of the solar system and galaxy, writers, scientists and entrepreneurs are considering space travel, past and future asteroid strikes, and colonizing other planets or solar systems. .

Global Context: Scientific and Technical Innovations

Subject Links: Contemporary World

Due Date: October 18, 2019 before 16h05

Instructions: Write a 500-1000 word essay.

Getting Started: Research scientific or technological discovery or innovation regarding the Earth in the solar system, galaxy, or universe. Choose three good (educational, government, scientific, corporate) resources to support your ideas or findings. *You must get your topic approved, and only three (3) people may write on the same topic.*

Report (refer to rubric): Provide a response to the statement of inquiry backed by references from expert sources. The report should include an introduction (include information from your initial investigation), paragraphs explaining specific subtopics including connections to the societal analysis discussed below. Explain the ways in which the science is applied and the effectiveness of its application. (Avoid listing). Make a statement and then use your research to expand on what you have discovered. Quotations should be limited to only the most important statements made by experts. You may not need to quote directly your sources, but should paraphrase them in most cases. Be sure include a cite each and every time you present material that is not your own. **You must use in-text referencing.** Do not cut and paste as this leads to plagiarism (never acceptable).

Scientific understanding: Use appropriate scientific language to demonstrate a full and clear understanding of the scientific information surrounding your topic. You may include examples, diagrams, pictures, tables and graphs to demonstrate how the science impacts our global community. (Be sure to cite any pictures etc. found from sources including the internet.)

Societal analysis and understanding: Consider how your selected topic has had or may have an impact on society (locally and/or globally) by exploring possible social, economic, political, environmental, cultural or ethical factors that are interdependent with your chosen discovery.

Conclusion: Give your opinion on the current understanding of your topic and the impact it may have on the global community. Discuss several positive and or negative components and support your thoughts by referring to information provided in your essay. Include any questions or ideas that have arisen from your research.

References: Must be included and cited throughout your paper; you must use in-text referencing. Include a Reference list at the end (separate page) using the American Chemical Society (ACS) format.

Self-evaluation: Complete a self-evaluation on the rubric and submit it with your paper.

General:

- Include a title page (title of your paper, your name, course number, group, and due date)
- Your paper must be printed, double-spaced, 12 point font, times new roman, in black ink.