

Student Name: **Date:**

Directions: Your objective is to produce a clear and coherent research project in which the development, organization, and style are appropriate to the task, purpose, and audience. Avoid using words you do not know! The presentation must be completed using Google Slides, Canva, poster board, or other forms of visual representation.

Choose one of the following to conduct a research project based on nuclear or radioactivity applications.

- **Radiocarbon Dating**
- **Unique Medical Applications**
- **Fission**
- **Fusion**
- **Effects of Radiation**
- **CERN**
- **Atomic Theory**
- **Radiation Therapy**
- **Solar Cells**
- **Space Exploration**
- **Nanoparticle Irradiation**

Your presentation should include the following at minimum. (Minimum is at least a 70. It is up to you to make sure that your presentation is Summative Assessment ready)

- **I scientist**
- **Vocabulary**
- **Summary/Explanation of the application**
- **Examples of real-world applications**
- **3 pictures**
- **Timeline of discovery**
- **Future research**
- **References**



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Directions: Use the rubric below to self-assess your writing and determine how you can improve. This is the same rubric I will be using to grade. Practice, practice, practice!

Category	4	3	2	1
Development of Ideas	Clear and focused theme, well-developed with strong evidence and examples.	Discernible theme, adequately developed with some evidence.	Vague or weak theme, limited development and weak evidence.	Lack of clear theme, poorly supported ideas.
Organization	Exceptionally well-organized, smooth flow, logical structure.	Generally coherent organization, minor lapses in structure.	Lack of consistent structure, unclear transitions.	Disorganized, challenging to follow.
Style and Tone	Excellent language command, appropriate tone, engaging style.	Generally appropriate style and tone, occasional refinements needed.	Limited or inconsistent style, tone mismatched at times.	Unsuitable style and tone, ineffective language.
Audience Awareness	Addresses the audience and is engaged during presentation	Some consideration of audience, minor gaps.	Limited audience awareness, reads from presentation	Reads from presentation only, content irrelevant or confusing.

Overall Score	16-14 (A)	13-10 (B)	9-6 (C)	5-1 (F)