

Academic Physics: Energy Unit Final Project**NAME:****[Project Rubrics]**

Research Document Criteria	Excellent (25)	Good (20)	Complete (15)	Partially Complete (10)	Incomplete (5)	Absent (0)
Depth of Research	Thorough research is evident, with comprehensive coverage of all relevant aspects of the topic.	Research is solid, covering most relevant aspects of the topic with adequate depth.	Research is complete, covering the essential aspects of the topic.	Research is partially complete, with some aspects of the topic not fully explored.	Research is incomplete, lacking depth and coverage of essential aspects of the topic.	No evidence of research is provided.

Presentation	Excellent (5)	Good (4)	Developing (3)	Partially complete (2)	Incomplete (1)	Absent (0)
Introduction of Phenomenon	<ul style="list-style-type: none">- Clearly and engagingly introduces the phenomenon, providing context and relevance.- Captures audience attention effectively.	<ul style="list-style-type: none">Provides a clear introduction to the phenomenon, with some context and relevance.- Mostly capture audience attention.	<ul style="list-style-type: none">- Introduces the phenomenon but lacks some clarity or relevance.- Attempts to capture audience attention but with limited success.	<ul style="list-style-type: none">- Introduction to the phenomenon is unclear or lacking in relevance.- Struggles to capture audience attention.	<ul style="list-style-type: none">- Fails to introduce the phenomenon clearly or with relevance.- Does not capture audience attention.	

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Connection to other disciplines and research	<ul style="list-style-type: none"> - Demonstrates a deep understanding of interdisciplinary connections, integrating insights from multiple fields effectively. - Provides comprehensive and up-to-date information on current research related to the phenomenon. 	<ul style="list-style-type: none"> - Shows a good understanding of interdisciplinary connections, integrating insights from other fields. - Offers relevant information on current research related to the phenomenon. 	<ul style="list-style-type: none"> - Makes some attempt to connect to other disciplines but lacks depth or coherence. - Provides limited or outdated information on current research. 	<ul style="list-style-type: none"> - Connection to other disciplines is weak or unclear. - Offers minimal information on current research. 	<ul style="list-style-type: none"> - Fails to make connections to other disciplines. - Does not provide any information on current research. 	
Relation to Energy	<ul style="list-style-type: none"> - Clearly demonstrates how physics concepts, equations, and vocabulary are relevant to understanding the phenomenon. - Integrates equations and vocabulary effectively, 	<ul style="list-style-type: none"> - Shows how physics concepts, equations, and vocabulary are relevant to the phenomenon. - Uses equations and vocabulary adequately to support understanding. 	<ul style="list-style-type: none"> - Attempts to relate physics concepts, equations, and vocabulary to the phenomenon but with some inconsistencies or gaps. - Uses equations and vocabulary 	<ul style="list-style-type: none"> - Relation to physics concepts, equations, and vocabulary is unclear or incomplete. - Uses equations and vocabulary inconsistently or inaccurately. 	<ul style="list-style-type: none"> - Fails to relate the phenomenon to physics concepts, equations, and vocabulary. - Does not use equations and vocabulary effectively. 	

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	enhancing understanding.		somewhat effectively.			
Resources	Resource links are included in the presentation with a description of the resource. (5 points)	Resource links, but no description (2 points)				No resources are included. (0 - points)

Participation (5 points total)	Excellent (5)	Good (4)	Average (3)	Poor (2)	Very Poor (1)
Engagement	Actively contributes ideas, listens attentively to others, and participates in discussions and decision-making.	Contributes ideas and participates in discussions and decision-making.	Participates occasionally but may not consistently contribute or engage.	Rarely contributes ideas or participates in discussions and decision-making.	Does not contribute ideas or engage in discussions.
Phone Usage	Does not use phone or during group meetings and work sessions, demonstrating full engagement with the project.	Occasionally checks phone but quickly returns focus to the project.	Frequently checks phone, occasionally causing distractions or interruptions.	Consistently uses phone during meetings and work sessions, often causing distractions or interruptions.	Is constantly on the phone, showing little to no engagement with the project.