Historical Technology Presentation Rubric

Part of our work this semester is to research a historical technology. To meet this, every student will research a historical technology of their choosing from any era. Then, every student will create a presentation which answers the 10 questions listed below in the rubric, and then choose one day this semester to present their historical technology. In addition to the presentation, each pair is expected to create a model or prototype of this historical technology. A functioning model is in no way expected, but engineering design and skills are expected to be evident in the final model/prototype.

Criteria	Level 1	Level 2	Level 3
1. What is the technology?	Does not address this question (0-1 pts)	Shortly addresses this question (2-3 pts)	Thoroughly answers this question (4-5 pts)
2. When was it invented and where?	Does not address this question (0-1 pts)	Shortly addresses this question (2-3 pts)	Thoroughly answers this question (4-5 pts)
3. Who was involved in this technologies development?	Does not address this question (0-1 pts)	Shortly addresses this question (2-3 pts)	Thoroughly answers this question (4-5 pts)
4. What events led to this technology's creation?	Does not address this question (0-1 pts)	Shortly addresses this question (2-3 pts)	Thoroughly answers this question (4-5 pts)
5. How does this technologies development fit into the Engineering Design Process?	Does not address this question (0-1 pts)	Shortly addresses this question (2-3 pts)	Thoroughly answers this question (4-5 pts)
6. Can the Universal Systems Model be applied to this technology? If so, how?	Does not address this question (0-1 pts)	Shortly addresses this question (2-3 pts)	Thoroughly answers this question (4-5 pts)
7. What problem did/does this technology solve?	Does not address this question (0-1 pts)	Shortly addresses this question (2-3 pts)	Thoroughly answers this question (4-5 pts)
8. How is this technology utilized today?	Does not address this question (0-1 pts)	Shortly addresses this question (2-3 pts)	Thoroughly answers this question (4-5 pts)
9. What breakthroughs have happened since the original technology?	Does not address this question (0-1 pts)	Shortly addresses this question (2-3 pts)	Thoroughly answers this question (4-5 pts)
10. Are there any other interesting events or details surrounding this technology?	Does not address this question (0-1 pts)	Shortly addresses this question (2-3 pts)	Thoroughly answers this question (4-5 pts)
11. Overall PowerPoint/Presentation Quality	The Presentation is just text or contains no visuals (0-9 pts)	The Presentation consist of pictures but has paragraphs (10-15 pts)	The Presentation is visually appealing (16-20 pts)
12. Model of Technology	No model or no Engineering Design Work (0-9 pts)	Minimal Engineering Design Work is present (10-12 pts)	**Engineering Design work is presented** (13-15 pts)
13. Presentation	Student shows little or no preparation in their presentation (7-9 pts)	Student shows developing signs of presentation preparation (10-12 pts)	Student demonstrates planning and practice in their presentation (13-15 pts)