

Category	1	2	3	4
Physics Content (45%)	<ul style="list-style-type: none"> The physics related to the art is explored superficially. The information related to the physics is not accurate. 	<ul style="list-style-type: none"> The physics related to the art is explored at a high level. Specific physics concepts are mentioned in the analysis but they are marginally related to the art or there are inaccuracies in the information. The analysis doesn't extend beyond basic principles and is not supported by diagrams, pictures, graphs, or equations. 	<ul style="list-style-type: none"> The physics related to the art is explored in depth and detail. The analysis focuses on a specific physics concept clearly related to the art in some fashion. The detail with which this concept is explored extends beyond basic principles. The analysis is supported to a limited degree by diagrams, pictures, graphs, and equations as appropriate. 	<ul style="list-style-type: none"> The physics related to the art is explored in depth and detail. The analysis focuses on a specific physics concept which is essential to the art in some fashion. The detail with which this concept is explored extends well beyond what has been covered this year. The analysis is supported by diagrams, pictures, graphs, and equations as appropriate.
Technology (15%)	<ul style="list-style-type: none"> The technology related to the art is explored superficially. 	<ul style="list-style-type: none"> The technology related to the art is explored at a high level. Specific technologies are mentioned in the analysis but they are marginally related to the art or there are inaccuracies in the information. 	<ul style="list-style-type: none"> The technology related to the art is explored in depth and detail. The analysis focuses on a specific technology clearly related to the art in some fashion. The detail with which this concept is explored extends beyond basic principles. 	<ul style="list-style-type: none"> The technology related to the art is explored in depth and detail. The analysis focuses on a specific technology which is essential to the art in some fashion.
History (15%)	<ul style="list-style-type: none"> The analysis does not present the context in historical or contemporary perspectives. 		<ul style="list-style-type: none"> The analysis explores the understanding or application of this concept from historical and contemporary perspectives to a limited degree. 	<ul style="list-style-type: none"> The analysis compares and contrasts the understanding or application of this concept from historical and contemporary perspectives.
Social Impact (15%)	<ul style="list-style-type: none"> The societal impact of the art or related physics or technology is explored superficially or not at all. 	<ul style="list-style-type: none"> The societal impact of the art or related physics or technology is explored but specific examples are not mentioned or they are not associated with the art, physics, or technology. The analysis is not supported by detailed or referenced information. 	<ul style="list-style-type: none"> The societal impact of the art or related physics or technology is explored in depth and detail. The analysis focuses on specific examples that are clearly related to the art, physics, or technology in some fashion. The detail with which these connections are explored extends beyond basics. The analysis is supported to a limited degree by detailed and referenced information. 	<ul style="list-style-type: none"> The societal impact of the art or related physics or technology is explored in depth and detail. The analysis focuses on a specific example that is the direct result of the impact of the art, physics, or technology. The detail with which this connection are explored extends well beyond the basics. The analysis is supported by detailed and referenced information including primary sources.
Creativity & Design (10%)	<ul style="list-style-type: none"> Wiki is poorly laid out. The text and images are not ordered in a way that makes sense or engages the reader. 	<ul style="list-style-type: none"> Text, diagrams, pictures, and videos are somewhat organized, but are hard to see and not sized appropriately. The reading of the Wiki does not flow well or is confusing—lack of headings, transitions, and order. 	<ul style="list-style-type: none"> Text, diagrams, pictures, and videos are well organized, easy to see, and appropriately sized. Reading flows well. There are headings, transitions, and order. Wiki is lacking in creativity or visually boring for the reader. 	<ul style="list-style-type: none"> Text, diagrams, pictures, and videos are well organized, easy to see, and appropriately sized. Reading flows well. There are headings, transitions, and order. Wiki is creative and visually engaging.

Standard: Understand the relationships among science, technology, and society in historical and contemporary contexts.