

Catastrophe in Space Rubric

Criterion A: Knowing & Understanding	ii. apply scientific knowledge and understanding to solve problems set in familiar situations and suggest solutions to problems set in unfamiliar situations	Criterion A: Criterion Made Simple	Criterion D: Reflecting on the Impacts of Science	i. summarize the ways in which science is applied and used to address a specific problem or issue ii. describe and summarize the various implications of using science and its application in solving a specific design problem or issue	Criterion D: Criterion Made Simple
0	Doesn't meet any of the criteria below	Did not attempt	0	Doesn't meet any of the criteria below	Did not attempt
1-2 50-60	ii. select scientific knowledge and understanding to suggest solutions to problems set in familiar settings	ii. Explained the seasons, lunar phases, tides, or eclipses with little or no detail	1-2 50-60	i. state the ways in which science is used to address a specific problem or issue ii. state the implications using science to solve a specific problem or issue	i. Diagrammed and Explained the effects of the disaster on the Earth-Sun-Moon system with little detail or glaring inaccuracies ii. Poster indicates little effort to present information in a neat and creative manner
3-4 70-75	ii. apply scientific knowledge and understanding to suggest solutions to problems set in familiar settings	ii. Explained the seasons, lunar phases, tides, or eclipses with little detail or did not include some	3-4 70-75	i. state the ways in which science is used to address a specific problem or issue ii. state the implications using science to solve a specific problem or issue, interacting with a factor	i. Diagrammed and Explained the effects of the disaster on the Earth-Sun-Moon system with minor details, lack of depth, or neglecting some aspects ii. Poster indicates some effort to present information neatly and creatively, but with sloppy details
5-6 83-88	ii. apply scientific knowledge and understanding to solve problems set in familiar settings	ii. Explained and diagrammed the seasons, lunar phases, tides, or eclipses with accurate detail	5-6 83-88	i. outline the ways in which science is used to address a specific problem or issue ii. outline the implications using science to solve a specific problem or issue, interacting with a factor	i. Diagrammed and Explained the effects of the disaster on the Earth-Sun-Moon system with adequate detail and depth ii. Poster presents material with creative, well-labeled diagrams.
7-8 95-100	ii. apply scientific knowledge and understanding to solve problems set in familiar settings and suggest solutions to problems set in unfamiliar settings	ii. Explained the seasons, lunar phases, tides, or eclipses with extra depth	7-8 95-100	i. describe the ways in which science is used to address a specific problem or issue ii. describe and summarize the implications using science to solve a specific problem or issue, interacting with factor	i. Diagrammed and Explained the effects of the disaster on the Earth-Sun-Moon system with exceptional detail, depth, and creativity ii. Poster presents information using innovative and creative diagrams
OVERALL SCORE	Criterion A:		Criterion D:		

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