

Design a Better Model Project Rubric

Design Component	Beginning	Advanced	Rating Scale & Evidence
Understand the Challenge	Does not grasp the basics of the design task; lacks understanding of concepts, materials, & skills	Understand basics of design problem; attempts to comprehend the problem; explores options; deep understanding of concepts and materials	1 2 3 4 5
Generate Ideas	Work with few or just one idea; fixates on idea rather than revise, add to, or discard idea	Brainstorm lots of ideas and fluently combine, revise, and adapt ideas	1 2 3 4 5
Represent Ideas	Propose superficial ideas that do not reflect depth of comprehension or consideration of project	Use multiple representations to explore and investigate design ideas that reflect depth of comprehension and consideration of project	1 2 3 4 5
Craftsmanship (model & poster)	Work is messy and craftsmanship detracts from overall product	Work is impeccable and shows extreme care and thoughtfulness in its craftsmanship	1 2 3 4 5
Effort	Work is not completed in a satisfactory manner. Group shows minimal effort. Group did not use class time effectively	Completed work with excellence and exceeded teacher expectations. Group exhibited exemplary commitment to the project	1 2 3 4 5
Communication of Idea	Unable to communicate idea to others	Demonstrates superior ability to understand & communicate ideas from concept to creation	1 2 3 4 5
Reflection & Understanding	Group shows little awareness of their process. The work does not demonstrate understanding of content or purpose of project.	Work reflects a deep understanding of the complexities of the content and project. Decisions are purposeful and thoughtful.	1 2 3 4 5

Total Points: _____ / (35 points)

Grade: _____ %