Name _____

Model Title _____

Total: _____ / ***100pts***

Scientific Model
RUBRIC

CATEGORY	**25**	**20**	**15**	**10**
Design	The model is an original 3-D design or animation by the student that complete the objective of conveying a scientific principle.	The model is an original 3-D design or animation by the student that conveys a scientific principle but with some lack of understanding.	The model is an original 3-D design or animation by the student that tries to convey a scientific principle but in an incoherent manner. May or may not convey understanding.	The model is not an original 3-D design or animation by the student or is unable to convey any scientific principle.
Cohesiveness	All parts of the model work together in order to clarify a scientific principle to the viewer. Model was clearly planned and thought out.	Most parts of the model work together, while a few are distractive or confusing. Model was mostly planned and thought out.	Some parts of the model work together, while many are distractive, unorganized, or confusing. Model was somewhat planned and thought out.	Difficult to understand what scientific principle the model is supposed to convey. No evidence of planning.
Innovation	Shows persistence of original ideas and problem-solving. Student ideas are innovative and engaging.	Shows adequate persistence of original ideas and problem-solving. Attempted innovative and new ideas.	Shows minimal problem-solving and persistence of original ideas. One or two new, basic ideas.	Shows no pursuit of original ideas.
Creative Effort	Great care taken in construction process so that the structure is neat, creative, and dynamic.	Construction was careful and accurate for the most part, but 1-2 details could have been refined for a more accurate, and presentable model.	Construction tried to follow the plans, but 3-4 details could have been refined for a more accurate and presentable model.	Construction appears careless or haphazard. Many details need refinement for a strong, accurate or presentable model.