

Investigation Rubric: _____

Student Name(s): _____

CATEGORY	4	3	2	1	Score
Plan	Plan is neat with clear measurements and labeling for all components.	Plan is neat with clear measurements and labeling for most components.	Plan provides clear measurements and labeling for most components.	Plan does not show measurements clearly or is otherwise inadequately labeled.	
Construction - Materials	Appropriate materials were selected and creatively modified in ways that made them even better.	Appropriate materials were selected and there was an attempt at creative modification to make them even better.	Appropriate materials were selected.	Inappropriate materials were selected and contributed to a product that performed poorly.	
Construction - Care Taken	Great care taken in construction process so that the structure is neat, attractive and follows plans accurately.	Construction was careful and accurate for the most part, but 1-2 details could have been refined for a more attractive	Construction accurately followed the plans, but 3-4 details could have been refined for a more attractive product.	Construction appears careless or haphazard. Many details need refinement for a strong or attractive product.	
Data Collection	Data taken several times in a careful, reliable manner.	Data taken twice in a careful, reliable manner.	Data taken once in a careful, reliable manner.	Data not taken carefully OR not taken in a reliable manner.	
Scientific Knowledge	Explanations by all group members indicate a clear and accurate understanding of scientific principles	Explanations by all group members indicate a relatively accurate understanding of scientific principles	Explanations by most group members indicate relatively accurate understanding of scientific principles	Explanations by several members of the group do not illustrate much understanding of scientific principles	
Use of Class Time	Used time well. Focused on getting the project done without distracting others.	Used time well. Mostly focused on getting the project done without distracting others.	Used some time well. Some focus on getting project done but occasionally distracted others.	Did not use class time to focus on the project OR often distracted others.	
Total					