

Rubric Assessing the Process

PROCESS	ALL of the time 4	MOST of the time 3	SOME of the time 2	NONE of the time 1	TOTAL
Assisting – students were observed helping each other and working with each other’s idea.					
Participating – students were observed contributing to the project.					
Negotiating – students were observed exchanging and defending their ideas.					
Supporting – students were observed encouraging and supporting the efforts of others					
Organizing – students were observed effectively managing their time					

Rubric Assessing the Product (Adapted from rubistar.4teachers.org)

PRODUCT	Excellent 3	Good 2	Fair 1	Total
Scientific Concept	Explanations indicated a clear and accurate understanding of the scientific principles underlying the construction of the machine.	Explanations indicated a relatively accurate understanding of the scientific principles underlying the construction of the machine.	Explanations did not indicate a clear and accurate understanding of the scientific principles underlying the construction of the machine.	
Illustration	Plan is neat with clear labeling for all components	Plan provides labeling for most components	Plan is not adequately labeled	
Construction	Appropriate materials were selected and creatively used to highlight specific aspects of simple machines	Appropriate materials were selected but construction did not highlight important aspects of simple machine	Materials selected were inappropriate and did not highlight any aspect of simple machines	
Effort	The product was well thought out and obvious effort was made in its construction.	The product was well thought out but one or two details could have been refined for a neater product.	The product was not well thought out and more details were necessary for a neater product.	