Portion of Project Associated Category Will Be Used For	Category Names	Priority Standard 5: Use, interpret, and develop models to simulate systems and make predictions							
		0.0	1.0	2	2.5	3		4.0	Score
Model Construction-	Modeling Relationships	Cannot identify the inputs and outputs of a model, even with help.	With help, student can identify the inputs and outputs of a model.	**Can identify the inputs and outputs of a model (5.2.1)**	Can identify how the inputs and outputs of a model allow it to interact with its surroundings.	**Can develop a model to show the relationship among processes, systems, etc (5.3.3)**			
	Differentiating between Models	Cannot identify the components of a model, even with help.	With help, can identify the components of a model.	**Can identify the components of a model (5.2.3)**	Can explain the major components of a model.	Can explain the interactions between the major components of the model.			
Written	Components of a Model	Cannot identify an open versus closed model, even with help.	With help, can identify an open versus closed model.	**Can identify an open versus closed model (5.2.2)**	Can explain the difference between an open and closed model.	Can explain the difference between an open and closed model and give an example from the models to support their explanation.			
Written	Use of Model	Cannot use a model to represent and/or interpret a system, even with help.	With help, can use a model to represent and/or interpret systems.	**Can use a model to represent and/or interpret systems. (5.2.4)**	Can use a model to predict phenomena.	**Can use a model to predict phenomena at different levels (5.3.1)**		**Develop or modify a model based on evidence to match what happens if a variable or component of a system is changed. (5.4.1)**	
	Use Model as Evidence	Cannot identify is a model supports a claim, even with help.	With help, can identify if a model supports a claim.	**Can identify if a model supports a claim (5.2.5)**	Can use a model to provide evidence for phenomena.	**Can use a model to provide evidence for a phenomena at different levels (5.3.2)**		**Evaluate limitations, precision, or reliability of a model for a proposed system, object or tool. (5.4.2)**	
	Total Score								