

**Pacific High School Mathematical Modeling Presentation Rubric**

	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>Total</b>
<b>Organization</b>	Audience cannot understand presentation because there is no sequence of information.	Audience has difficulty following presentation because student jumps around.	Student presents information in logical sequence which audience can follow.	Student presents information in logical, interesting sequence, with excellent transitions.	
<b>Subject Knowledge</b>	Student does not have grasp of information; student cannot answer questions about subject	Student is uncomfortable with information about the research project and is able to answer only simple questions.	Student demonstrates understanding of research project and provides answers to all questions, but fails to elaborate.	Student demonstrates full knowledge about the research project (more than required) and answers all questions with explanations and elaboration.	
<b>Visual Aid</b>	Student's visual aids never support presentation.	Student's visual aids rarely support presentation.	Student's visual aids relate to presentation.	Student's visual aids explain and reinforce presentation.	
<b>Delivery</b>	Students provides no eye contact; mumbles; speaks too quietly; uses incorrect grammar frequently; relies on "filler" sounds; reads entire presentation directly from PowerPoint.	Student occasionally provides eye contact; uses low voice volume; uses incorrect grammar and "filler" sounds occasionally; frequently reads directly from PowerPoint.	Student maintains eye contact, but returns to notes frequently; voice is clear; rarely uses incorrect grammar and "filler" sounds.	Student maintains eye contact, rarely returns to notes; no incorrect grammar or "filler" sounds noticeable.	
Additional Comments:					Total Points:

Name of Group Members: \_\_\_\_\_

## Student Project Reflection

1. What do you think of the overall process of mathematical modeling?

2. How can we improve the process of mathematical modeling?

3. Did your opinion of mathematics change or remained the same after completing the project? If yes, how did it change? If no, briefly explain how you view mathematics.