Rubric for Engineering Design Challenge (Creating a Musical Instrument)	Non-Performance	Emerging	Progressing	Proficient
	1 No skills mastered	2 Some skills mastered	3 Mostly mastered skills	4 Fully mastered skills
Communication	I do not communicate with group members. I am not able to explain my project to an audience.	I interrupt and speak over group members while they are speaking.	Sometimes I share ideas and listen to group members. I explain some parts of my musical instrument to an audience.	I take turns sharing my ideas and listening to group members. I can explain all parts of my musical instrument to an audience.
Collaboration	I do not work with group members.	Sometimes I have a hard time working with group members. Other group members do most of the work. I become upset and will not cooperate when my ideas are not accepted.	Sometimes I am off task and group members must give reminders. I may not always contribute to the designing and building aspects of the group project. I accept group decisions most of the times.	I work well with my group members. I help to design and build group project. I accept and respect group decisions even when it is not mine.
Critical Thinking	I do not problem solve or make real world connections.	I wait for others to present their solutions.	Sometimes I think of possible solutions to problems. Sometimes I try to look for real world connections.	I test my musical instrument. When it did not work, I look for many solutions to correct it. I always look for patterns and connections between my project and the world around me.
Risk Taking	I copied a musical instrument.	I copied project ideas from others and made no changes.	I copied my project, but also made a few original changes to it.	My project is original. It is exceptional and shows out of the box thinking.
Student Reflection				