

## Engineering Design Project: Homemade Instrument Scoring Rubric

	<b>3 Exemplary</b>	<b>2 Adequate</b>	<b>1 Needs Work</b>
<b>The instrument demonstrates a soft and loud volume.</b>	The instrument produces a soft and loud volume.	The instrument only produces one volume.	No volume is produced from the instrument.
<b>The instrument demonstrates a high and low pitch.</b>	The instrument can produce a high and low pitch.	Only one pitch is produced from the instrument.	No pitches are produced from the instrument.
<b>The design shows originality.</b>	The instrument design shows self-expression and originality.	Some original ideas but few details.	The instrument design shows very little effort to design originality.
<b>The engineering design challenge follows all requirements.</b>	All design challenge requirements were followed.	The instrument structure was well designed but the details could have been refined.	The instrument appears to be haphazardly assembled with no care in mind.
<b>Presentation/ Demonstration of the instrument</b>	The student showed skill with using the instrument, and the student had excellent speaking skills.	The student spoke clearly and made eye contact with the audience, but was unsure with using the instrument.	The student showed no enthusiasm, no eye contact, and was unable to demonstrate use of the instrument.
<b>Materials used to make the instrument are recyclable materials.</b>	The instrument has been made from various household items.	Parts of the instrument are recycled materials, but not all.	Only one part of the instrument is from a household item.