

Engineering Design Challenge



	Excellent 3 pts	Good/Average 2 pts	Poor 1 pts	Non Existent 0 pts
Materials	<p>Excellent</p> <p>Instrument was made from household materials and made sufficient sound.</p>	<p>Good/Average</p> <p>Instrument was made with household materials, but made little sound.</p>	<p>Poor</p> <p>Instrument was made from an existing instrument or materials that made no sound.</p>	<p>Non Existent</p> <p>No instrument created.</p>
Volume/ Pitch	<p>Excellent</p> <p>Instrument was able to produce soft and loud volume. It has a wide variety of pitch. Student can explain how the sound is made.</p>	<p>Good/Average</p> <p>Instrument is soft or loud and has a high or low pitch. Student can explain how the sound is made.</p>	<p>Poor</p> <p>The instrument makes no sound. Student can explain how sound should be made.</p>	<p>Non Existent</p> <p>No instrument created.</p>
Construction	<p>Excellent</p> <p>The instrument is well made. It can hold up to multiple uses. You can tell effort was put into it based on construction.</p>	<p>Good/Average</p> <p>The instrument is well-made, but lacks some components. Can hold up to a few uses.</p>	<p>Poor</p> <p>The instrument was sloppily made. It didn't make any sound. Materials used were not sturdy.</p>	<p>Non Existent</p> <p>No instrument created.</p>
Presentation	<p>Excellent</p> <p>Student includes a picture of the initial instrument, the final instrument, and a list of materials.</p>	<p>Good/Average</p> <p>Student includes 2 of the requirements on their presentation.</p>	<p>Poor</p> <p>Student includes 1 of the requirements on their presentation.</p>	<p>Non Existent</p> <p>No instrument created.</p>