

Student Name:

## Musical Instrument Rubric

Topics	4 points	3 points	2 points	1 point
<b>Brainstorming Ideas</b>	Generates at least three viable concepts. Selects most appropriate concept and clearly justifies the choice using the appropriate criteria.	Generates three concepts. Selects an appropriate concept and is somewhat able to justify the choice using marginally acceptable criteria.	Generates two concepts. Selects one concept using inadequate criteria.	Generates one concept.
<b>Final Design Images</b>	Produces accurate pictorial sketches or electronic 3D models that meet the required design concepts.	Produces marginally sufficient pictorial sketches or electronic 3D models of required design concepts.	Produces pictorial sketches or electronic 3D models that are difficult to visualize. Sketches lack details.	Produces incomplete pictorial sketch or electronic 3D model. Does not present concept.
<b>Final Design Written Communication</b>	Is properly detailed for effective communication including labels, descriptions, signatures, and dates.	Is marginally detailed for effective communication including labels, descriptions, signatures, and dates.	Lacks many details for effective communication including missing labels, descriptions, signatures, and dates.	Lacks most details for effective communication including missing labels, descriptions, signatures, and dates.
<b>Design Requirements</b>	Fully meets design requirements.	Meets most design requirements and supports the design function.	Meets some requirements but not enough to support the design function.	Does not meet any requirements.
<b>Final Product</b>	Final product meets outcome specifications fully. The musical instrument's function fully meets the specifications as outlined in the instructions.	Final product meets most of outcome specifications fully. The musical instrument functions but not fully as required.	Final product meets some of outcome specifications fully but not enough to support the output or function of the instrument.	The final musical instrument meets little to none of the requirements.
<b>Teamwork</b>	Team members worked well together and settled differences in a positive manner.	Demonstrated good team working skills the majority of the time.	Demonstrated good team working skills part of the time.	Demonstrated few team working skills.

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