

STEM Rubric Musical Instrument	4 Exceeds Standard	3 Meets Standard	2 Approaches Standard	1 Below Standard
Volume Quality	The instrument consistently produces the intended sound. The instrument meets the requirements of loudness.	The instrument frequently produces the intended sound. The instrument meets loudness requirements.	The instrument does not produce the intended sound or produces only basic sounds. The instrument does not meet loudness requirements.	The instrument is not able to produce sound and does not meet any loudness requirements.
Pitch Quality	The instrument consistently produces the intended sound. The instrument meets pitch requirements.	The instrument frequently produces the intended sound. The instrument meets pitch requirements.	The instrument does not produce the intended sound or produces only basic sounds. The instrument does not meet pitch requirements.	The instrument is not able to produce sound and does not meet any pitch requirements.
Playability:	The instrument is consistently playable and responds appropriately to the player's actions. It is easy to hold or play, and the sound is consistent.	The instrument is playable and mostly responds to the player's actions. It is easy to hold or play, and the sound is somewhat consistent.	The instrument is not playable and does not respond to the player's actions. It is difficult to hold or play, and the sound is inconsistent.	The instrument is not playable and does not respond to the player's actions. It does not produce sound.

*** After our live session, I revised my rubric by removing the craftsmanship criteria. I no longer felt that it was appropriate to evaluate everyone's instrument. Homemade musical instruments should focus on sound quality, playability, and musicality rather than how well it was constructed or how pretty they looked.*

Additionally, many homemade instruments are often made from unconventional or recycled materials, which may not conform to traditional craftsmanship standards. Evaluating craftsmanship in a rubric could penalize creative and innovative designs that may not look as polished as a traditional instrument but still produce high-quality sound.