



# Rising Star Competition

## Defined STEM Performance Task



### Goal

Your group has decided to compete in the Rising Star competition that is looking to create the next superstar band. To do this you will need to understand how musical instruments create sound. This competition encourages creativity and is looking for a group with a unique sound. To win the competition your group will need to create innovative instruments that make beautiful music. The competition requires that the group send the judges a thirty-second to one-minute audition tape and 1-2 minute overview of why your band is unique and how your instruments were constructed.

### Audience

Your audience will be superstar musicians from around the world. They will be judging your instruments based upon your innovativeness. The instruments must work together to make a musical sound that will excite people and make them want to listen to your music. The judges will be looking for an explanation as to how and why your instruments were created. They are also interested in what makes your group unique. \*Blue Ball Elementary School classrooms will be judging all four 6<sup>th</sup> grade classrooms for this competition.\*

### Products

- **Prototype** -- Your table group will construct one instrument, while the other tables create different instruments. You will need to build this instruments using everyday items. This process may require you to create an instrument and make adjustments based upon the sound it produces. Do not get worried if your first version is not great. You will want to keep working until you have a version that sounds great and can help make our class group a star. All great creators have versions that do not work. They learn from these experiences and create better versions each time.
- **Diagram/Drawing** -- For your instrument, create a drawing of the instrument to help explain how each instrument produces sound and/or pitch. The drawings should be done first to help your team create the instrument. It should demonstrates how the sound is created from your musical instrument, moves through the air, and is heard by your ears.
- **Group Audition & Introduction Video** -- Before your performance, you will need to create a 1-2 minute video explaining your process. Why were the instruments selected? How were they made? How do the instruments produce a variety of sounds? This explanation will be very important to the judges as they evaluate your group. Our class will need to include an audition video to be sent out to the judges.