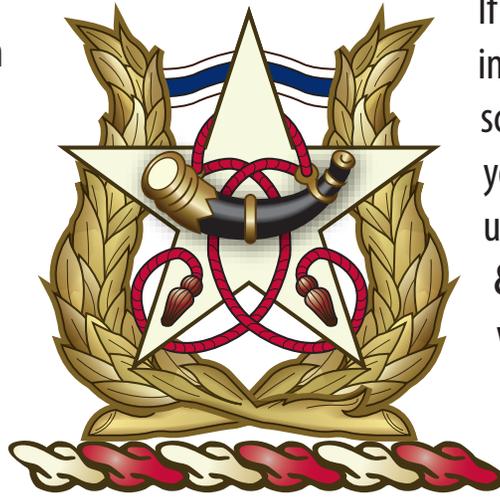


## WHO WE ARE

Headquartered at Fort Myer in Arlington, VA, The United States Army Band "Pershing's Own" is the premier musical organization of the U.S. Army and plays a part in the "American Experience" on a grand scale.

From Presidential parades and veteran funerals, to concerts at the U.S. Capitol and the White House, to performing in concert halls of renown and before foreign heads of state, the musicians of "Pershing's Own" represent a standard of excellence about which the American public can be proud.



## HOW TO BOOK

If you would like more information about how to schedule this program for your students, please contact us through the **Education & Community** tab on our website:

**[usarmyband.com](http://usarmyband.com)**

Someone from our STEAM Team will call you to discuss opportunities and customize our program to match your classroom objectives.

We look forward to serving you and your students.

★★★ *from Washington, DC* ★★★

THE U.S. ARMY BAND  
"PERSHING'S OWN"

STEAM:  
PUTTING  
THE

IN **A**rts

STEM

Educate ★ Inspire ★ Entertain  
**[usarmyband.com](http://usarmyband.com)**

## STEAM: THE MUSICAL

Are you interested in a change of pace that will get your math and science students' attention in a fun and engaging way? The United States Army Band "Pershing's Own" has crafted a presentation that uses music to illustrate math and science concepts and encourages kids to think of core subjects from a new angle. We introduce to you: STEAM: The Musical!



Our "STEAM Team" has created a 45-minute interactive presentation geared towards middle-school math and science students that uses music to teach STEM using cross-disciplinary concepts. The session centers around the Fibonacci sequence, Pythagoras, and the Golden Ratio, all selected because they allow students to consider subjects from a larger world-view. These topics are relatable across multiple disciplines, including math, biology, physics, and architecture—as well as music.

*We use music to illustrate math and science concepts and encourage kids to think of core subjects from a new angle.*

## HOW WE DO IT

We intentionally emphasize and indicate the specific national core standards in math, science, history,

and music that are achieved by the presentation. Educators are able to prep students on the subject matter before the presentation, as well as review material after the fact. The diversity of subjects covered by these scholastic programs connects music with a wider range of students, not just those enrolled in music programs. The program incorporates student interaction, technology, performance humor, visual aids, and musical props.

*"Each time we've performed a session for a student audience, it's been rewarding to sense that we've made them think about music a little bit differently."*

*- SFC Leigh Lafosse  
founding member*

It has been fun and encouraging to see the increased level of engagement with students when music is brought into the math and science classroom. Bringing music into math and science classrooms really is a blast for everyone—including the math and science teachers!

## WHY WE DO IT

It is our hope that this presentation will contribute to the brainstorming process of making music a vital and growing part of public education. Our STEAM Team is constantly thinking up new sessions and approaches for increasing the level of student engagement. We tailor presentations for different age groups, alter the focuses for music classrooms, and continue to add new subjects for educators to share with students.

Ultimately this presentation will be available in PDF form on our website with an accompanying video, and we encourage any and all educators to use the concepts in their own classrooms.

## STEAM TEAM



A troupe of passionate Army Band musicians, many of whom hold advanced degrees in music, will actively demonstrate how Fibonacci, Pythagoras, ratios, sequences, and patterns all work together to create the sounds we hear in concert halls and on the radio every day. These ideas are approached from a direction that middle-school students might not expect, while encouraging them to consider how your classroom materials affect them in a very real and relevant way.

## This presentation is FREE to you and your school!

Our STEAM Team will work with you, listen, and respond to the needs and requests of music-education partners in our community, and will constantly seek to find opportunities to educate, inspire, and entertain.

To request a STEAM Team visit to your school, please contact us through the Education & Community tab on our website:

[usarmyband.com](http://usarmyband.com)