

## talkSTEM Educator Resources

This document provides an overview of our video collection, freely accessible on our [YouTube channel](#). All educators (in school or other settings), families, and children are invited to take virtual field trips, access webinar recordings, listen to guest speakers, and browse our broad range of videos showcasing STEM in real world places created by diverse humans! Visit us at [talkSTEM.org](http://talkSTEM.org) and follow us on social media to learn more and to be a part of our community.

Questions? Email us at [koshi@talkstem.org](mailto:koshi@talkstem.org).

**All Pre K – 12 educators are invited to join our community.**

We provide curated original content for educators to utilize. We also provide opportunities for interested educators to create content and contribute to a growing community.



Visit our Learning Suite page by clicking the yellow graphic below to learn more about all the great programs that you can access and utilize.

**the talkSTEM Learning Suite**  
A collection of fun, unique, learning tools and resources for all children and their adults.



Visit [Belouga](#), a video-based educational platform, to access and use the talkSTEM education channel. Here you will find some of our video collections in a ready-to-use, student-friendly portal. *Freely accessible through 2021.*

## talkSTEM YouTube Channel Table of Contents

Our YouTube channel of over 250 videos is a valuable free resource for Pre K-12 educators interested in highlighting real world connections to STEM in general and to math in particular. We encourage you to share this content with colleagues and administrators.

*The following video category titles are hyperlinked, click and explore!*

### I. [Welcome to the talkSTEM nonprofit and our walkSTEM Program](#) (7 videos)



### II. [Girls and Women in STEAM](#) (~75 videos)

This video collection features girls and women of all ages engaging with STEAM, whether professionals in their field or students with a passion for Science, Technology, Engineering, Arts, and Mathematics. Great for all ages.

### III. [walkSTEM Academy: Go on a virtual walkSTEM tour](#) (119 videos)

This is our collection of place-based learning videos from the walkSTEM Initiative. Great for K-12 and after school classrooms. All TEKS listed in description of each video.



**IV. STEM in the Real World: walkSTEM Stops Organized by Theme (~170 videos)**

These playlists are organized by theme and STEM concept instead of location. Examples of themes include Math & Art, Math & Nature, Geometry Concepts, Sustainability & the Environment, Science in the Real World.

**V. Create Your Own walkSTEM: Go on a virtual walkSTEM tour created by our growing community (~80 videos)**

These playlists include walkSTEM tours created by our growing community. You can watch walkSTEM tours designed by third graders at Mt. Auburn STEAM Academy, private high school students, graduate students, and working professionals.



*Mount Auburn STEAM Academy student from Create Your Own walkSTEM playlist*

**VI. Careers in STEAM (~65 videos)**

These playlists features industry professionals discussing their fields and how they entered STEAM professionally, great for anybody interested in pursuing STEAM themselves.

**VII. Events (~50 videos)**

These playlists include highlights from talkSTEM events including our annual Pi Day Math Festival, *Honoring Women in STEAM*, *STEM in the Dallas Arts District*, and other empowering panel discussions.

**VI. [talkingSTEM: Videoblogs](#) (~50 videos)**

These playlists include blogs by the CEO of Girl Scouts of Northeast Texas, founder of the Wolfram Group, and more.

**VII. [More Resources for All Educators: How to walk and talk STEM](#) (~25 videos)**

These playlists introduce talkSTEM curriculum usable in any classroom. You can learn from Dr. Glen Whitney (founder of MoMath, the National Museum of Mathematics in New York) and Ron Lancaster, Senior Lecturer at the University of Toronto. The *Create Your Own walkSTEM toolkit* is a handy resource for teachers interested in implementing this project in the classroom or as an after-school club.

## walkSTEM TEKS Alignments

Please visit [this page](#) to view a working document with standards alignments (Common Core, NGSS, ISTE and TEKS).

### What is talkSTEM?

[talkSTEM](#) is a 501(c)3 nonprofit organization. Our goal is to develop future generations of female and underrepresented Science, Technology, Engineering and Math (STEM) leaders by inspiring today's youth to adopt a STEM mindset. We focus on math-related programming in order to achieve this goal. An example of this programming is [the walkSTEM Initiative](#), where we create math walking tours in any environment.



*Children explore a STEM activity at the 2019 Pi Day Math Festival*