talkSTEM Educator Resources

This handout provides a brief overview of the many ways you can use the talkSTEM Learning Suite, a standards-aligned, customizable programming menu you can easily apply in any school or learning environment! Visit us at talkstem.org or follow us on social media to learn more. Questions? Email us at info@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 to learn more about our various programs that you can access and utilize.

Click on the yellow graphic to explore the talkSTEM Learning Suite.
talkSTEM YouTube Channel
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Our [YouTube channel](https://www.youtube.com/talkSTEM) 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 Initiative (7 videos)**

II. **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.

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Greenhill School Math Teacher and students from walkSTEM@Fair Park playlist
III. **STEM in the Real World: walkSTEM Stops Organized by Theme (147 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.

IV. **Create Your Own walkSTEM: Go on a virtual walkSTEM tour created by our growing community (41 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.

V. **Virtual Math Festival (17 videos)**
This playlist is a community collaborative project that was created in response to the 2020 pandemic. The interactive activity videos were contributed by such organizations as IF/THEN® Ambassadors from UT Southwestern Medical Center and Texas Scottish Rite Hospital for Children, Dallas Black Dance Theatre, the Center for Brain Health and more.

VI. **Events (27 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 (33 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 (11 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.

VIII. **walkSTEM at Work (3 videos)**
- A glimpse into the workspaces of diverse STEM careers.
walkSTEM TEKS Alignments

The following are a sampling of TEKS from some of our walkSTEM tours. If you are interested in seeing the TEKS for all our walkSTEM experiences, visit the talkSTEM Standards Alignment website.
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.