

walkSTEM is an initiative under talkSTEM, a 501(c)3 non-profit organization. talkSTEM was founded in 2015 by Dr. Koshi Dhingra. She created talkSTEM to serve as an ecosystem of science and math learning opportunities both inside and outside of the traditional school setting, with the goal of engaging students in STEM experiences “beyond the textbook”. In addition to the walkSTEM initiative, talkSTEM offers a variety of other programs.

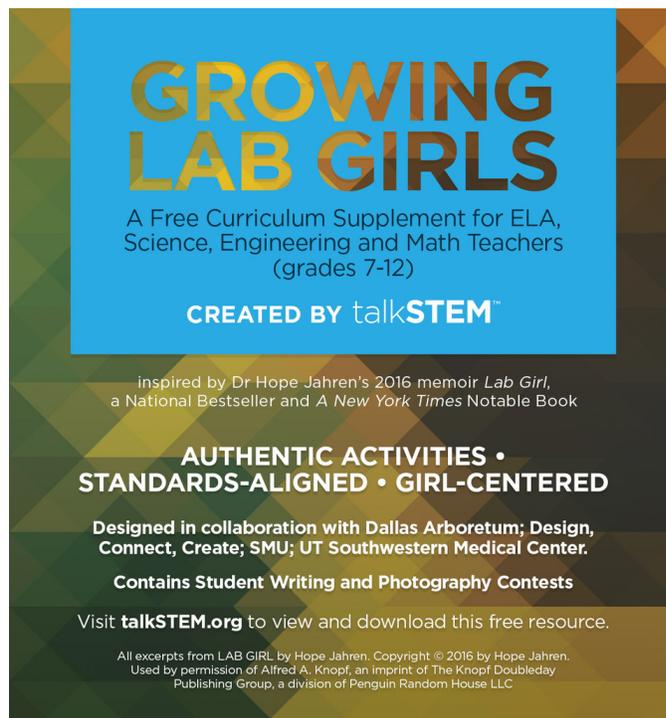
talkSTEM Digital Forum

talkSTEM aims to create a community of scientists by inviting traditional and unexpected STEM leaders to share their perspectives via the talkSTEM Digital Forum. The Forum consists of over 100 original articles and videos created by local, national, and international experts in STEM education. The Forum is a place for sharing best practices from a diverse set of people, all engaged in STEM in varied ways. Forum contributors include:

- Ali Benjamin, young adult author and finalist for national book award
- David Chard, President of Wheelock College, previously Dean of SMU Simmons School of Education
- Tim Chartier, Professor of mathematics at Davidson College in Davidson, North Carolina
- Shilpi Jain, chemist and entrepreneur
- Michael Mayhew and Michelle Hall, founders of a teen science cafe network
- Cathy O'Neil, author of Weapons of Math Destruction
- James Tanton, Mathematician-at-Large for the Mathematical Association of America, cofounder of the Global Math Project
- Kent Rathbun, Chef
- Aura Satz, artist
- Conrad Wolfram, strategic director of Wolfram Worldwide Group, founder of the nonprofit Computer Based Math

Growing Lab Girls

Growing Lab Girls is a curriculum toolkit created by talkSTEM for grades 7-12 teachers in Language Arts, Science, Engineering, and Mathematics. The curriculum is available online on the talkSTEM website and is inspired by Dr. Hope Jahren’s book, *Lab Girl*. The toolkit provides powerful messages about the universal relevance of science to each and every one of us. Publishers of Lab Girl, Penguin Random House, are helping to disseminate the curriculum through social media and at national conferences. Collaborators include Dallas Arboretum, Design Connect Create, UT Southwestern, and Southern Methodist University. Dallas ISD has listed *Growing Lab Girls* as a recommended resource for all middle and high school science teachers



GROWING LAB GIRLS
 A Free Curriculum Supplement for ELA, Science, Engineering and Math Teachers (grades 7-12)
 CREATED BY talkSTEM™

inspired by Dr Hope Jahren's 2016 memoir *Lab Girl*, a National Bestseller and *A New York Times* Notable Book

AUTHENTIC ACTIVITIES • STANDARDS-ALIGNED • GIRL-CENTERED

Designed in collaboration with Dallas Arboretum; Design, Connect, Create; SMU; UT Southwestern Medical Center.

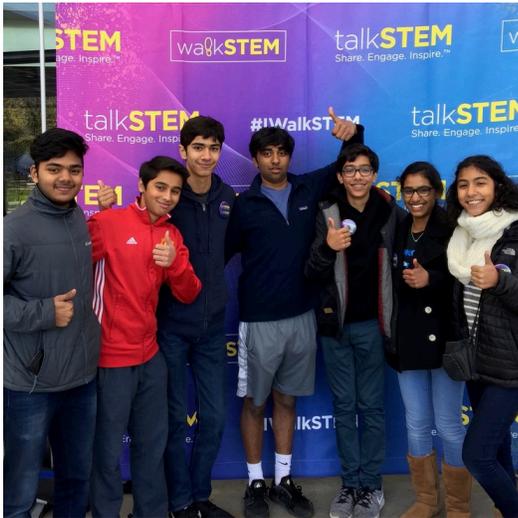
Contains Student Writing and Photography Contests

Visit talkSTEM.org to view and download this free resource.

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Special Events - Pi Day Math Festival

talkSTEM hosted its second annual Pi Day Math Festival in partnership with ATPAC in the Dallas Arts District on March 14, 2018. The Festival was attended by over 400 students and parents. The event featured guided walkSTEM tours of the Dallas Arts District, and interactive booths sponsored by 20 varied organizations, including EARTHx, the Dallas Zoo, KERA, the Dallas Museum of Art, and Dallas Love Field Airport. A key goal was for visitors to engage with real world math concepts embedded in these varied spaces and spheres of activity.



AT&T
PERFORMING
ARTS
CENTER

talkSTEM and
present

PI DAY
MATH
FESTIVAL

Activities

<p>AT&T PERFORMING ARTS CENTER Tours of Winspear</p> <p>BOLD IDEA Binary Number Challenge!</p> <p>DALLAS ARBORETUM Natural Tessellations</p> <p>DISD STEM ENVIRONMENTAL RESOURCE CENTER Field Measurements</p> <p>DALLAS MUSEUM OF ART Andean Number Systems</p> <p>DALLAS SYMPHONY ORCHESTRA Instrument Petting Zoo</p>	<p>DALLAS ZOO How Much Should Animals Eat?</p> <p>SMU A Recipe for Orange Pi?</p> <p>TEXAS DISCOVERY GARDENS A Butterfly's Life</p> <p>TEXAS LEGENDS Science in Sports</p> <p>DALLAS PUBLIC LIBRARY Graphical Displays</p> <p>DALLAS LOVE FIELD Will it Fly?</p> <p>DCCCD STEM INSTITUTE Pi and Other Math Friends</p>	<p>CROW COLLECTION OF ASIAN ART Beautiful Geometry of Islamic Patterns</p> <p>EARTHx Virtual Reality</p> <p>KERA Digital Resources</p> <p>UT SOUTHWESTERN MEDICAL CENTER Math in the Lab</p> <p>MICROSOFT STORE NORTH PARK What Happens During an Earthquake?</p> <p>TALKSTEM walkSTEM@Dallas Arts District</p>
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#ATTPACTalkSTEM