



Hundreds of **FREE**  
online and in-person  
events this season!

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ARIZONA  
**SCITECH**  
festival®

**JANUARY-APRIL 2024**

SciTech Institute is excited to announce the 2024 Arizona SciTech Festival season to inspire interest in science, technology, engineering and math (STEM) across Arizona. Participants of all ages can enjoy fun and engaging events with a variety of activities offered during this annual celebration while building their STEM knowledge.

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Since its launch in 2012,  
the Arizona SciTech Festival  
has become the country's **third-  
largest science festival** with...

**900+**  
partnering  
organizations  
approximately  
**3,000**  
events

**in**  
**80+**  
Arizona cities,  
towns, and  
communities

Spearheaded by the **Arizona Commerce Authority, Arizona Science Center, Arizona Technology Council, Arizona Board of Regents, Arizona State University,** and the **University of Arizona**, the Arizona SciTech Festival is a wildly successful grassroots STEM collaboration.

This statewide celebration of STEM aims to inform, engage, and inspire all Arizonans. It was designed to advance STEM awareness and highlight its economic importance by offering participants a variety of events and hands-on learning opportunities. Over the past 12 seasons, these events and activities have provided individuals of all ages the chance to experience STEM first-hand and see how it impacts their lives.

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# BUSINESSES AREN'T THE ONLY THING WE SCALE.

**Something big, bold and exciting is happening in the Grand Canyon state.** Cutting-edge companies are launching, testing and scaling new technologies in Arizona. Our culture of innovation, highly skilled talent pool, lean regulatory environment and affordable operating costs provide the perfect platform for business growth and success. Beyond being a place where you can achieve your professional goals, Arizona also provides a lifestyle that allows you to achieve your personal goals. With year-round sunshine, endless outdoor activities, and a positive outlook, we play as hard as we work. It's this perfect balance that makes life better here.

**ARIZONA**  
COMMERCE AUTHORITY

Learn more at [azcommerce.com](https://azcommerce.com)



# Sign Up Today!

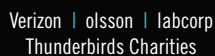
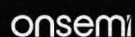
[ehcally@chiefscienceofficers.org](mailto:ehcally@chiefscienceofficers.org)

## SPONSORS

### Platinum



### Silver



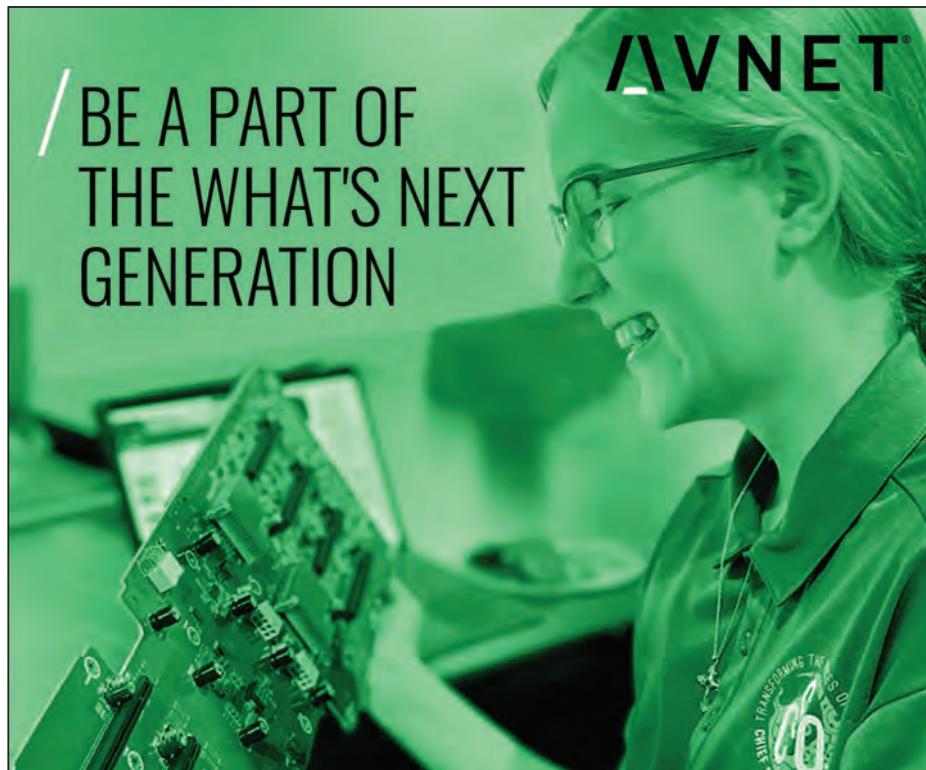
THE CHIEF SCIENCE OFFICERS PROGRAM  
IS A COLLABORATIVE INITIATIVE OF:



[CHIEFSCIENCEOFFICERS.ORG](http://CHIEFSCIENCEOFFICERS.ORG)

# AVNET

## / BE A PART OF THE WHAT'S NEXT GENERATION



Avnet is a proud sponsor  
of the SciTech Institute.



Learn about the communities we serve at [avnet.com/avnetcares](http://avnet.com/avnetcares)

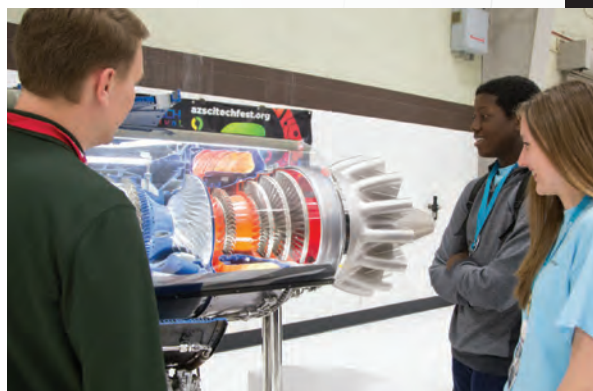
## You make it possible for us to reach those who are often left out of the equation.

# HELP SUPPORT SCIENCE FOR ALL

Science for All is an Arizona  
Certified Qualifying Charitable  
Organization supporting all  
SciTech Institute programs,  
particularly for low-income  
and underserved populations.

### Your donations benefit:

- Chief Science Officers Program
- STEM Ecosystem Hubs & Working Groups
- Community Outreach Events & Resources
- STEM Little Free Libraries
- STEM Workforce Development



For more information, visit [scitechinstitute.org/donate-today](http://scitechinstitute.org/donate-today)

**In collaboration with 100+ Community Event Organizers, we present the following ways to have fun with STEM this season!**

**ANYTIME:** explore hundreds of STEM activities and resources by grade or topic at [AZSciTech.com](https://AZSciTech.com).

**IN PERSON:** attend a variety of Signature Events and SciTech Adventures hosted by collaborators across the state. Check the website for the most up-to-date event details at [AZSciTech.com](https://AZSciTech.com) today!



## SIGNATURE EVENTS AND SCITECH ADVENTURES

Find out how we're making it easier than ever to find events and get involved!

### SIGNATURE EVENTS:

- Involves 10+ community collaborators
- Alternatively can have 5+ collaborators and 5+ interactive stations
- Emphasizes broad community engagement
- Features a variety of interactive stations, fostering diverse and dynamic experiences

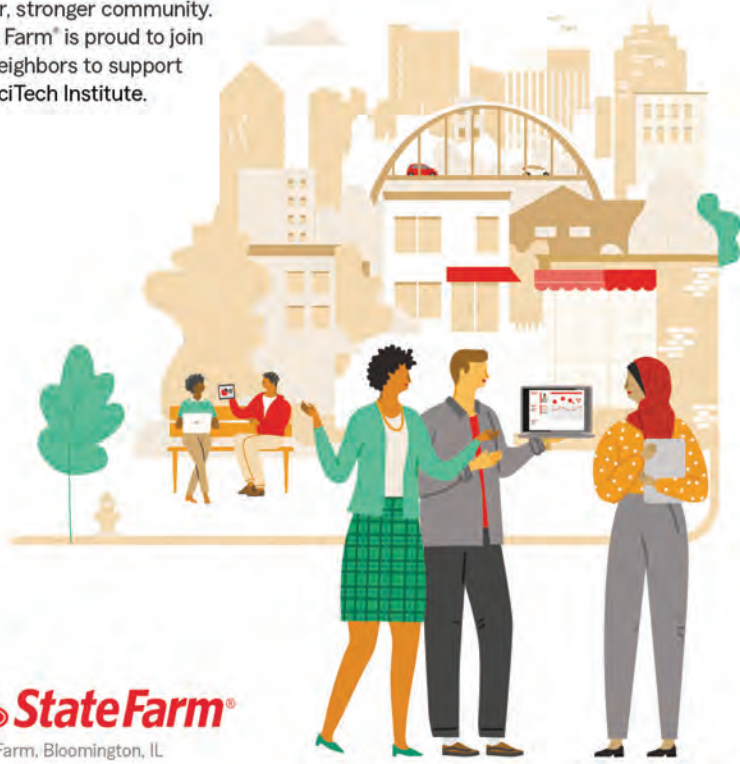
### SCITECH ADVENTURES:

- Takes place at a K-12 school
- Involves 5+ community collaborators
- Focuses on engaging students in hands-on learning experiences

**Interested in hosting your own event or sharing your STEM knowledge? Email us today!**  
[ContactUs@SciTechInstitute.org](mailto:ContactUs@SciTechInstitute.org)

### A community of innovation

Together, we're building a better, stronger community. State Farm® is proud to join our neighbors to support the SciTech Institute.



**State Farm®**  
 State Farm, Bloomington, IL

# Featured Events



VISIT [AZSCITECH.COM](https://azscitech.com)  
FOR THE MOST UP TO  
DATE EVENT DETAILS

Events marked with \* require advance registration.

## FEBRUARY

2/1 THURSDAY

### Verde Valley STEAM Lab Open House

3:30 PM - 5:30 PM  
Camp Verde Community Library

2/3 SATURDAY

### ASU Open Door at Downtown Phoenix Campus

1:00 PM - 5:00 PM  
University Center Lower Level

### Verde Valley SciTech Festival Kickoff

2:00 PM - 4:00 PM  
Science Vortex

2/7 WEDNESDAY

### Arizona Regional Brain Bee \*

5:00 PM - 9:00 PM  
Midwestern University

### Exploring STEAM w/ Camp Verde Community Library

4:30 PM - 6:30 PM  
Camp Verde Elementary School

2/8 THURSDAY

### Elgin School Community STEM Night

5:00 PM - 6:30 PM  
Elgin School

### Sandra Day O'Connor High School STEM Night

5:00 PM - 6:30PM  
Sandra Day O'Connor High School

2/9 FRIDAY

### Arizona College Prep STEAM Night

4:30 PM - 7:30 PM  
Arizona College Prep High School

2/10 SATURDAY

### Public Safety Day

10:00 AM - 2:00 PM  
Gateway Park

### Mad Science at Mountain View Preparatory

12:00 PM - 2:00 PM  
Mountain View Preparatory

2/14 WEDNESDAY

### Light-up Valentines Day Cards

3:00 PM - 4:00 PM  
Sedona Public Library

2/15 THURSDAY

### STEMCon 2024

5:00 PM - 8:00 PM  
Agua Fria High School

2/16 FRIDAY

### Buckeye Air Fair - Field Trip Friday

9:00 AM - 4:00 PM  
Buckeye Municipal Airport

2/17-2/18 SATURDAY-SUNDAY

### Buckeye Air Fair

10:00 AM - 6:00 PM  
Buckeye Municipal Airport

2/17 SATURDAY

### ASU Open Door at Polytechnic Campus

1:00 PM - 5:00 PM  
ASU Polytechnic Campus

### Family SciFest

10:00 AM - 2:00 PM  
Children's Museum Tucson

2/21 WEDNESDAY

### Science of Pokemon

3:30 PM - 4:30 PM  
Cottonwood Public Library

2/22 THURSDAY

### Archeologist for the Afternoon

4:00 - 5:00 PM  
Verde Valley Archaeology Center and Museum

### Sousa Elementary STEM Night

5:00 PM - 7:00 PM  
Sousa Elementary School

2/23 FRIDAY

### Phoenix Zoo - Conservation Science Night \*

6:00 AM - 8:00 AM  
Phoenix Zoo

2/24 SATURDAY

### Audubon Fun Day

10:00 AM - 1:00 PM  
Sedona Wetlands Preserve

### ASU Open Door at Tempe Campus

1:00 PM - 5:00 PM  
ASU Tempe Campus

### Chandler Innovation Fair

10:00 AM - 2:00 PM  
Dr. A.J. Chandler Park: Stage Plaza

2/27 TUESDAY

### Health Sciences Career Day \*

9:00 AM - 2:00 PM  
Midwestern University

2/28 WEDNESDAY

### littleBits Cars

3:00 PM - 4:30 PM  
Clark Memorial Library

2/29 THURSDAY

### Leap Day Jumping Paper Frog Challenge

4:30 PM - 6:00 PM  
Science Vortex

### Laguna Elementary STEM Night

5:00 PM - 6:30 PM  
Laguna Elementary School

## MARCH

3/1 FRIDAY

### Porter Elementary STEM Night

5:00 PM - 7:00 PM  
Porter Elementary

### A Knight Under the Stars

5:00 PM - 7:30 PM  
Inspiration Mountain School

3/2 SATURDAY

### I Love Science Day

10:00 AM - 12:00 PM  
Arizona Museum of Natural History

### Prescott Regional SciTech Fest

10:00 AM - 3:00 PM  
Embry-Riddle Aeronautical University's Prescott Campus

3/7 THURSDAY

### Canyon Springs Family STEM Night

5:00 PM - 7:00 PM  
Canyon Springs STEM Academy

### Zaharis STEAM Showcase 2024

4:30 PM - 6:30 PM  
Zaharis Elementary School

3/9 SATURDAY

### Science City at Tucson Festival of Books

9:30 AM - 5:30 PM  
University of Arizona Mall

### Arizona Renaissance Festival - Wizards and Wonder! Artisan Appreciation!

10:00 AM - 6:00 PM  
Arizona Renaissance Festival

**3/9 SATURDAY**  
**22nd Annual Ancient Technology Day: Prehistoric & Historic**  
9:00 AM - 3:00 PM  
S'edav Va'aki Museum

**3/10 SUNDAY**  
**Science City at Tucson Festival of Books**  
9:30 AM - 5:30 PM  
University of Arizona Mall

**Arizona Renaissance Festival - Wizards and Wonder! Artisan Appreciation!**  
10:00 AM - 6:00 PM  
Arizona Renaissance Festival

**3/22 FRIDAY**  
**Luke Days 2024 - STEM City \***  
9:00 AM - 3:00 PM  
Luke Air Force Base

**3/23-3/24 SATURDAY & SUNDAY**  
**Luke Days 2024**  
Luke Air Force Base

**3/23 SATURDAY**  
**Paiute Neighborhood Center Sci-Tech Fun Festival**  
10:00 AM - 1:00 PM

**Verde Valley Comic Expo**  
10:00 AM - 5:00 PM  
Cottonwood Recreation Center

**3/27 WEDNESDAY**  
**Geeks Night Out**  
4:30 PM - 7:30 PM  
Tempe Community Complex

**3/30 SATURDAY**  
**Canyon Ridge STEM Festival**  
10:00 AM - 1:00 PM  
Canyon Ridge

**3/30 SATURDAY**  
**Fountain Hills Dark Sky Festival**  
Fountain Hills

**APRIL**

**4/12 FRIDAY**  
**Kidz Jamboree**  
4:00 PM - 7:00 PM  
Surprise Resource Center

**4/18 THURSDAY**  
**Legend Springs STEAM Night 2024**  
4:30 PM - 6:00 PM  
Legend Springs Elementary School

**4/19 FRIDAY**  
[Tentative Date] **Gila River Indian Community Earth Day 2024**  
Gila River Indian Community  
Department of Environmental Quality

**4/25 THURSDAY**  
**Sierra Verde STEAM Night 2024**  
5:00 PM - 7:00 PM  
Sierra Verde STEAM Academy

**4/26 FRIDAY**  
**Dia Del Ninos**  
Joseph Zito Elementary

**4/26-4/29 FRIDAY-MONDAY**  
**Greater Phoenix City Nature Challenge**  
Greater Phoenix Area & Online (iNaturalist)

**4/27 SATURDAY**  
**Gila County STEM Fest**  
8:00 AM - 12:00 PM  
Gila County Community College



Every home should have an internet connection.

We believe life gets better when we have more moments of real human connection. In addition to Cox's communication networks that bring people closer, we're champions for community initiatives that positively impact the lives of our Arizona friends and neighbors.

Learn more about Cox's commitment to bridge the digital divide, visit [cox.com/digitalequity](https://cox.com/digitalequity).



# Verde Valley SciTech Festival

Have you been considering a family trip to the Verde Valley? If yes, you should visit in February! Not only does the area boast world renowned hiking, the Verde River (one of only two Wild and Scenic Rivers in Arizona), several award-winning restaurants, and a booming wine trail, it also hosts a regional month-long SciTech Festival every February! The festival, sponsored by the City of Cottonwood, showcases the many STEM organizations advancing STEM literacy in the area. This year's festival features 60 events hosted by over 15 organizations in locations around the Verde Valley, including: Cottonwood, Clarkdale, Cornville, Sedona, and Camp Verde.

There will be a Festival Kickoff Signature Event ideal for families on Saturday, February 3rd, 2:00-4:00 at the Science Vortex in Cottonwood. There will be booths run by participating STEM organizations with hands-on activities for children of all ages, a Science is Fun presentation by Chief Science Officers, a planetarium provided by the Arizona Science Center, and the Science Vortex STEM Center will be open for play and exploration. This event is free!

More detailed information about the Verde Valley SciTech Festival can be found at: <https://sciencevortex.org/vvscitechfest2024>.

















## SPECIAL FEBRUARY 2024 STEM EVENTS CALENDAR

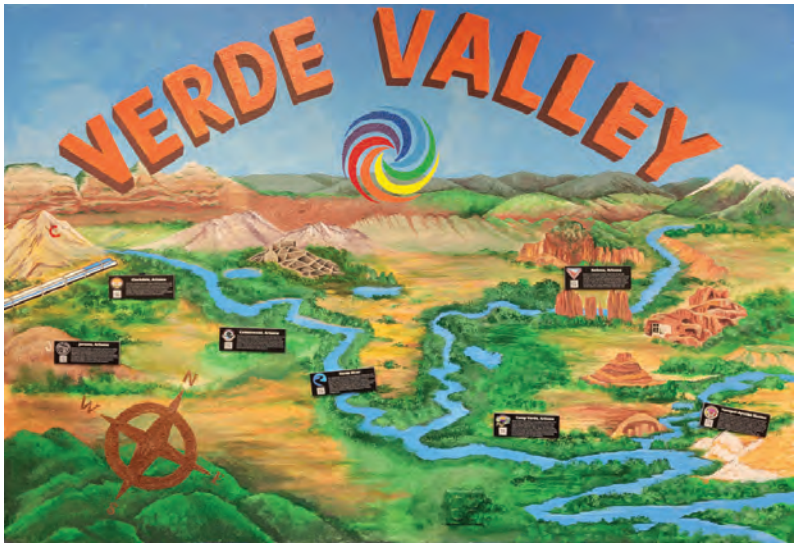
ALL EVENTS ARE FREE!

REGIONAL VV FESTIVAL SPONSORED BY THE CITY OF COTTONWOOD



SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<p>Earn a prize by attending at least 6 VV SciTech Festival events. Filling out the mini lab notebook (get this from participating organizations), and showing it off at Science Vortex or Camp Verde Community Library!</p> 	<p><b>Abbreviations KEY</b></p> <p>CHM- Clemenceau Heritage Museum CPL- Cottonwood Public Library CVCL- Camp Verde Community Library CVES- Camp Verde Elementary School CML- Clark Memorial Library</p> <p>MVP- Mountain View Preparatory SPL- Sedona Public Library SPLVOC- SPL in the Village SV- Science Vortex VVAC- Verde Valley Archaeology Ctr.</p>			<p>1 10:00 Storytime: Mvmt &amp; Motion- CPL 3:30 VV STEAM Lab Open House- CVCL 4:00 Chess Club- SPL 4:30 3D Modeling &amp; Printing- SV</p>	<p>2 10:00 Little Learners Fizzy Art- SV 3:30 Paper Plate Roller Coasters- CPL</p>	<p>3 <b>2:00 VERDE VALLEY SCITECH FESTIVAL KICKOFF EXTRAVAGANZA- SV</b> 3:30 Raptor &amp; Falconry Presentation- SPL</p>
	<p>5 3:30 Yes I Can: Stress &amp; Our Bodies- CPL</p> 	<p>6 11:15 Storytime: Space- SPLVOC</p> 	<p>7 3:30 Phases of the Moon For Kids w/ Cookies- CPL 4:00 Teen Phases of the Moon w/ Cookies- CPL 4:30 Exploring STEAM in Camp Verde- CVES</p>	<p>8 10:00 Storytime: Phases of the Moon- CPL 4:00 Archaeology Museum Tour For Kids- VVAC 4:00 Chess Club- SPL 4:30 Secret Message Valentine's Cards- SV</p> 	<p>9 10:00 Little Learners Heart-Shaped Suncatcher- SV 3:30 Weaving &amp; Fingerknitting- CPL</p>	<p>10 10:30 Cartooning w/ the Janimal- SPL 12:00 Mad Science Stations- MVP 3:30 Magical Mimicry in Nature- SPL</p> 
	<p>12 3:30 Yes I Can: Relaxation &amp; Our Bodies- CPL</p>	<p>13 10:00 Storytime: Music &amp; Movement- CPL</p>	<p>14 3:00 DIY Light-up Valentine's Card- SPL 3:30 Ozobot Robot Finds Love- CPL</p> 	<p>15 10:00 Storytime: Robots- CPL 4:00 Chess Club- SPL 4:00 Grand Canyon Split Twig Figurine-Making- CV 4:30 Chain Reaction Machines- SV</p> 	<p>16 10:00 Little Learners Sound Explorations- SV 3:30 Loving Pets &amp; Pet Care- CPL</p> 	<p>17 10:30 Family Space Adventure Storytime- SPL 11:00 Cartooning w/ the Janimal- CVCL 1:00 Create a Robotic Hand- CVCL 2:00 Drone Making &amp; Flying Workshop (pre-reg REQ)- SV</p>
<p>18 1:30-5:30 Vitalant Blood Drive- SV</p>	<p>19</p> 	<p>20 10:00 Storytime: Music &amp; Movement- CPL 11:15 Storytime: Dinosaurs- SPLVOC</p>	<p>21 10:00: Storytime in the Park: Dinosaurs- Sunset Park 3:30 Science of Pokemon- CPL</p> 	<p>22 10:00 Storytime: Calm-down Density Bottle- CPL 4:00 Chess Club- SPL 4:00 Archeologist For the Afternoon- VVAC 4:30 Planting the 3 Sisters- SV</p>	<p>23 10:00 Little Learners Germ Busters- SV 3:30 Family Craft: Stress Ball- CPL 3:30 Make Slime- SPL</p>	<p>24 10:00 Celebrate Birding &amp; Nature at the Sedona Wetlands Preserve 1:00 Scribble Bots- CVCL 1:30 Meet Moonlight the Owl- SV</p> 
<p>25</p> 	<p>26 4:00 Data Sculptures- CVCL</p>	<p>27 11:15 Storytime: Dinosaurs- SPLVOC</p> 	<p>28 3:00 Engineer a littleBits Car- CML 3:30 STEAM Kit Expo- CPL</p>	<p>29 10:00 Storytime: STEAM Kit Exploration- CPL 4:00 Basket-Making Workshop- VVAC 4:00 Chess Club- SPL 4:30 Leap Day Jumping Frog Challenge- SV</p>	<p>1 DUE: Rain Water Harvesting Competition Design</p> 	

VERDE VALLEY SCITECH FESTIVAL  
PARTICIPATING  
ORGANIZATIONS



SciTech Days  
at Ren Fest

The Arizona Renaissance Festival brings to life the language, science, arts, engineering, and overall ambiance of the 16th Century village marketplace. Immerse yourself into the world of Royals, peasants, Galileo, Medicis, Shakespeare and so much more each season.

With its 50-acre theatrical European market village, the Arizona Renaissance Festival offers a unique opportunity to bring an important era in history to life. Language, science, exploration, mannerisms, customs, commedia theatre, jousting tournaments, artisan demonstrations and music are just some of the learning opportunities that await your students.

The Renaissance ideas that laid foundation for later inventions are still evident and influential today. Today's THINKERS, DREAMERS, INVENTORS are pushing the boundaries of what is known into the unknown; who knows what their discoveries will become?

Remember, Da Vinci knew flight was possible when no one else did...There are Da Vinci's of today just about to emerge...with new ideas and dreams for the future. SciTech and the Arizona Renaissance Festival enable students to see the connection between past, present and BEYOND!



# ARIZONA SCITECH ECOSYSTEM

## STEM Ecosystem Hubs

The SciTech team is working to engage STEM organizations and community members across the state in 14 Regional Hubs. Hubs allow ecosystem members to focus on their local needs and assets, connect local resources and dive deeper into community-based opportunities and goals. They encourage creative cross-collaboration between sectors and highlight non-traditional STEM spaces and opportunities.

**6 HUBS : 344 MEMBERS**

**4 STEM HUB COORDINATORS**  
facilitating local STEM connection

## Working Groups

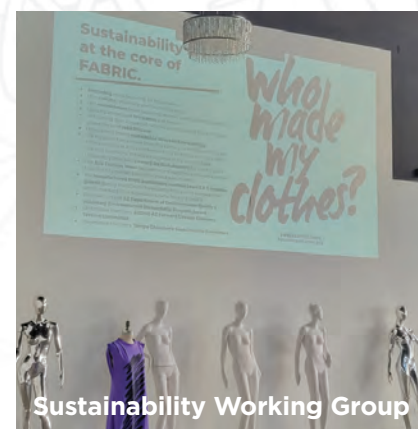
Statewide STEM Ecosystem Working Groups foster conversation and collaboration across regional boundaries around specific topics. Working Group members meet quarterly or monthly to collaborate on opportunities such as professional development, resource sharing, and grant and sponsorship proposals. The Arizona STEM Ecosystem currently supports Working Groups on the topics of Diversity, Equity, & Inclusion in STEM; Sustainability Education & Outreach; STEM Workforce; STEM in Libraries; and Pre-College STEM Programs.



Pre-College STEM Program  
Working Group



STEM in Libraries  
Working Group



Sustainability Working Group



Diversity, Equity, & Inclusion in STEM Working Group



Workforce Working Group



## Open Door

# Unlock your curiosity

Join us at ASU's annual open house for an exciting behind-the-scenes look at the university repeatedly ranked No. 1 in the U.S. for innovation, sustainability and global impact.

**ASU Open Door** is an opportunity for visitors of all ages to participate in hands-on activities and explore laboratories, living collections, museums and advanced learning spaces.

To get your **free** tickets and more information, visit [opendoor.asu.edu](https://opendoor.asu.edu).

Each of ASU's campuses has a unique identity and we invite you to visit all locations!

**West Valley: Saturday, Jan. 27, 1–5 p.m.**

**Downtown Phoenix: Saturday, Feb. 3, 1–5 p.m.**

**Polytechnic: Saturday, Feb. 17, 1–5 p.m.**

**Tempe: Saturday, Feb. 24, 1–5 p.m.**

## Repeatedly ranked **#1**

**innovation**

ASU ahead of MIT and Stanford  
— U.S. News & World Report, 2016–24

**sustainability**

ASU ahead of Stanford and UC Berkeley  
— Sustainability Tracking, Assessment & Rating System, 2023

**global impact**

ASU ahead of MIT and Penn State  
— Times Higher Education, 2020–23