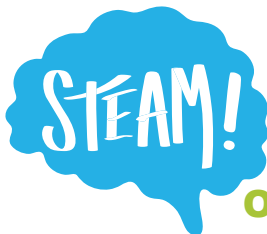


founded by
discovery center



TENNESSEE



FESTIVAL

PROGRAM GUIDE

OCT. 15-24, 2021

TNSTEAM.ORG

FESTIVAL AT A GLANCE

*Events subject to change.
Some events may require pre-registration and/or charge a fee for admission.*

West

FRIDAY, OCTOBER 15

Saturday Morning Nature
Talk and Walk Series
9:00 AM
Lichterman Nature Center

Earth Science Week
10:00 AM
Discovery Park of America

Curiosity Lab
10:30 AM
Museum of science and
History-Pink Palace

Phantom of the Universe
11:00 AM
Museum of Science and
History-Pink Palace

Our Sky Tonight
1:00 PM
Museum of Science and
History-Pink Palace

Phantom of the Universe
2:30 PM
Museum of Science and
History-Pink Palace

Legends of the Night Sky
(laser animation)
4:00 PM
Museum of Science and
History-Pink Palace

Family Fall Campfire Party:
Whoop Comes out at
Night?
6:30 PM
Memphis Botanic Garden

Observing on the Lawn
7:00 PM
Museum of Science and
History-Pink Palace

SATURDAY, OCTOBER 16
International Archaeology
Day
10:00 AM
Chucalissa Museum

Phantom of the Universe
11:00 AM
Museum of Science and
History-Pink Palace

Gallery Activities and
Demonstrations
12:30 PM
Museum of Science and
History-Pink Palace

Our Sky Tonight
1:00 PM
Museum of Science and
History-Pink Palace

Make and Takes
1:30 PM
Museum of Science and
History-Pink Palace

Docent Guided STEAM
Tours
2:30 PM
Museum of Science and
History-Pink Palace

Phantom of the Universe
2:30 PM
Museum of Science and
History-Pink Palace

Legends of the Night Sky
(laser animation)
4:00 PM
Museum of Science and
History-Pink Palace

SUNDAY, OCTOBER 17
Gallery Activities and
Demonstrations
12:30 PM
Museum of Science and
History-Pink Palace

Our Sky Tonight
1:00 PM
Museum of Science and
History-Pink Palace

Phantom of the Universe
2:30 PM
Museum of Science and
History-Pink Palace

Legends of the Night Sky
(laser animation)
4:00 PM
Museum of Science and
History-Pink Palace

WEDNESDAY, OCTOBER 20
Spooky STEAM
Experiments
4:00 PM
Bartlett Public Library

SATURDAY, OCTOBER 23
It's All About STEAM
10:30 AM
Museum of Science and
History at the Pink Palace

Gallery Activities and
Demonstrations
12:30 PM
Museum of Science and
History-Pink Palace

SUNDAY, OCTOBER 24
Gallery Activities and
Demonstrations
12:30 PM
Museum of Science and
History-Pink Palace

Middle

THURSDAY, OCTOBER 14

The War of the Worlds
Broadcast Reenactment
6:00 PM
The Bloom Stage

FRIDAY, OCTOBER 15
Rutherford County Fall
Farmer's Market & Arts
Festival
7:00 AM
Lane Agri-Park

Trees are Terrific!
8:00 AM
Middle Tennessee State
University

Dog Park Outreach
8:00 AM
Metro Water Services

FESTIVAL AT A GLANCE

*Events subject to change.
Some events may require pre-registration and/or charge a fee for admission.*

FRIDAY, OCTOBER 15 *con't*

1800s Science Fair
10:00 AM
Belle Meade Historic Site & Winery

Mindblowing Matinee -
Leaf Rubbings
10:00 AM
Discovery Center

Martin ArtQuest at the Frist
Art Museum
10:00 AM
Frist Art Museum

Nashville Symphony STEAM
Expedition
10:00 AM
Virtual

Fall Craft - DIY Wreath
1:00 PM
FiftyForward Donelson
Station

Autumn Scavenger Hunt
2:00 PM
Beaman Park Nature Center

Learn about the new CCM
Building
3:00 PM
MTSU School of Concrete &
Construction Management

Creepy Crawly STEM Fab
5:00 PM
Tennessee Tech University

SATURDAY, OCTOBER 16

International Archaeology
Day at the Parthenon
9:00 AM
Nashville Parthenon

1800s Science Fair
10:00 AM
Belle Meade Historic Site &
Winery

Volunteer State Community
College Campus Tour
10:00 AM
Volunteer State Community
College

Car Culture Car Show
10:00 AM
Adventure Science Center

Get to Know Beaman Park
10:00 AM
Beaman Park Nature Center

Martin Artquest
10:00 AM
The Frist Art Museum

Fossil Dig
11:00 AM
Earth Experience Museum

NPT's PBS Kids 'Appy Hour'
12:00 PM
Nashville Public Television

Animal Encounters
1:30 PM
Barfield Park Wilderness
Station

SUNDAY, OCTOBER 17

1800s Science Fair
10:00 AM
Belle Meade Historic Site &
Winery

Martin Artquest
10:00 AM
The Frist Art Museum

MONDAY, OCTOBER 18

Fall-Inspired Watercolor
Class
1:00 PM
FiftyForward J. L. Turner
Center

TUESDAY, OCTOBER 19

Storytime at Linebaugh
10:00 AM
Linebaugh Public Library

Create with Vanderbilt
10:00 AM
FiftyForward, Knowles
Center

How Tennessee Got on the
Periodic Table
1:00 PM
Virtual

Geology
1:30 PM
Barfield Park Wilderness
Station

TSEC Present: The Sirius
STEM Sessions
6:30 PM
Tennessee STEM Education
Center

WEDNESDAY OCTOBER 20

Integrating Science &
Literacy
9:30 AM
Discovery Center

Mindblowing Matinee -
Apple Stamp Pumpkin Craft
10:00 AM & 2:00 PM
Discovery Center

A Cosmic Journey
1:00 PM
FiftyForward

Backyard Astronomy
1:00 PM
FiftyForward College Grove

Cheese Making
2:00 PM
FiftyForward Martin Center

The Science of Creativity Art
Exhibit of the Rutherford
Arts Alliance
5:00 PM
Murfreesboro City Rotunda

THURSDAY, OCTOBER 21

Mindblowing Matinee -
Apple Stamp Pumpkin Craft
10:00 AM & 2:00 PM
Discovery Center

Animal Tracks & Signs
1:00 PM
Barfield Park Wilderness
Station

Homeschool Lab ~ Power
Players: Hydroelectric
Power
3:00 PM
Discovery Center

FESTIVAL AT A GLANCE

Events subject to change.
Some events may require pre-registration and/or charge a fee for admission.

FRIDAY, OCTOBER 22

Mindblowing Matinee -
Apple Stamp Pumpkin Craft
10:00 AM & 2:00 PM
Discovery Center

GSK Science in the
Summer™
4:00 PM
Virtual

SATURDAY, OCTOBER 23

Mindblowing Matinee -
Apple Stamp Pumpkin Craft
10:00 AM & 2:00 PM
Discovery Center

Geology of Warner Park
10:00 AM
Warner Park Nature Center

Apple Volcanos
11:00 AM
Breedens' Orchard

Big Bug Hunt
2:00 PM
Belmont University

Signature Event
STEAM-a-Palooza
1:00 PM
Discovery Center

The Elves & The Shoemaker
Virtual Workshop
3:00 PM
Virtual

East

FRIDAY, OCTOBER 15

Space Explorers Discovery
Lab
11:00 AM, 1:30 PM, 3:30 PM
Hands On! Discovery Center

STEAM Art Studio
12:00 PM, 2:00 PM
Hands On! Discovery Center

SATURDAY, OCTOBER 16

SumoBot Smackdown!
11:00 AM
Muse Knoxville

Space Explorers Discovery
Lab
11:00 AM, 1:30 PM, 3:30 PM
Hands On! Discovery Center

STEAM Art Studio
12:00 PM, 2:00 PM
Hands On! Discovery Center

SUNDAY, OCTOBER 17

Space Explorers Discovery
Lab
11:00 AM, 1:30 PM, 3:30 PM
Hands On! Discovery Center

STEAM Art Studio
12:00 PM, 2:00 PM
Hands On! Discovery Center

Monarch Tagging
1:00 PM
Zoo Knoxville

TUESDAY, OCTOBER 19

Discovery Cart Cubelets
Robotic Coding Blocks
10:00 AM
Hands On! Discovery Center

Atomic Glow Putty
Discovery Lab Program
11:30 AM, 1:30 PM, 3:30 PM
Hands On! Discovery Center

STEAM Art Studio
12:00 PM, 2:00 PM
Hands On! Discovery Center

WEDNESDAY, OCTOBER 20

Discovery Cart Cubelets
Robotic Coding Blocks
10:00 AM
Hands On! Discovery Center

Atomic Glow Putty
Discovery Lab Program
11:30 AM, 1:30 PM, 3:30 PM
Hands On! Discovery Center

STEAM Art Studio
12:00 PM, 2:00 PM
Hands On! Discovery Center

THURSDAY, OCTOBER 21

STEAM FEST
4:30 PM
Boys & Girls Clubs of
Dumplin Valley

Pellissippi State GIVE KC3: IT
Career Offerings
7:00 PM
Pellissippi State Community
College

Robotic Coding Blocks
10:00 AM
Hands On! Discovery Center

Atomic Glow Putty
Discovery Lab Program
11:30 AM, 1:30 PM, 3:30 PM
Hands On! Discovery Center

STEAM Art Studio
12:00 PM, 2:00 PM
Hands On! Discovery Center

FRIDAY, OCTOBER 22

Robotic Coding Blocks
10:00 AM
Hands On! Discovery Center

STEAM Art Studio
12:00 PM, 2:00 PM
Hands On! Discovery Center

SATURDAY, OCTOBER 23

Market Square Farmers
Market STEM Table
9:00 AM
Girls Inc. of Tennessee
Valley

STEAM Art Studio
12:00 PM, 2:00 PM
Hands On! Discovery Center

*Middle***THE WAR OF THE WORLDS BROADCAST REENACTMENT****DATE & TIME:** THURSDAY, OCTOBER 14 @ 6:00 PM**WHERE:** WALNUT HOUSE, MURFREESBORO**COST:** \$10 GENERAL ADMISSION, \$7 STUDENTS

The Bloom Stage will present an experiential event and immersive theatrical production of Orson Welles' original 1938 broadcast of The War of the Worlds by Howard E. Koch in conjunction with the Tennessee STEAM Festival. Join us as we recreate and record this broadcast before a live and participatory audience, with related exhibits and activities.

OCTOBER 15 -----*West***SATURDAY MORNING NATURE TALK AND WALK SERIES****DATE & TIME:** FRIDAY, OCTOBER 15 @ 9:00 AM**WHERE:** LICHTERMAN NATURE CENTER. MEMPHIS**COST:** \$10

Each Talk and walk will focus on a seasonal topic followed by a guided walk exploring the trails of Lichterman Nature Center.

EARTH SCIENCE WEEK**DATE & TIME:** FRIDAY, OCTOBER 15 @ 10:00 AM**WHERE:** DISCOVERY PARK OF AMERICA, UNION CITY**COST:** INCLUDED WITH ADMISSION

Discovery Park of America will host a four-day event, Oct. 15-19 from 10 a.m. - 4 p.m., featuring experiments, panels and guest speakers from the field of Earth and environmental sciences. Also available on Facebook Live.

CURIOSITY LAB**DATE & TIME:** FRIDAY, OCTOBER 15 @ 10:30 AM**WHERE:** MUSEUM OF SCIENCE AND HISTORY-PINK PALACE, MEMPHIS**COST:** INCLUDED WITH ADMISSION

Visit the Curiosity Lab to get a closer look at what goes on inside your brain. Explore your brain's functions through our exciting array of optical illusions and brain games.



OCTOBER 15



AUTOZONE DOME AT THE SHARPE PLANETARIUM

DATE & TIME: FRIDAY, OCTOBER 15 @ 11 AM, 1 PM, 2:30 PM, 4 PM

WHERE: MUSEUM OF SCIENCE AND HISTORY-PINK PALACE, MEMPHIS

COST: \$6.00/CHILD (3-12), \$7.00/SENIOR (60+), \$8.00/ADULT (13-59), FREE (0-2)

Get ready to unlock new territories in our imagination as we are swept up in exploring every corner of our vast universe. This totally different, updated experience is a step into the future!

Phantom of the Universe - 11:00 am

Our Sky Tonight - 1:00 pm

Phantom of the Universe - 2:30 pm

Legends of the Night Sky (Laser animation) - 4:00 pm

FAMILY FALL CAMPFIRE: WHOOO COMES OUT AT NIGHT?

DATE & TIME: FRIDAY, OCTOBER 15 @ 6:30 PM

WHERE: MY BIG BACKYARD AT MEMPHIS BOTANIC GARDEN

COST: \$10/MEMBER, \$15/NON-MEMBER

Join us for a Fall family campfire party to find out WHOOOO comes out at night? Gather around firepits and listen to old-fashioned songs and stories while roasting s'mores. Make a firefly glow friend and participate in a night hike witnessing first hand who and what comes out at night in nature.

OBSERVING ON THE LAWN

DATE & TIME: FRIDAY, OCTOBER 15 @ 7:00 PM

WHERE: MUSEUM OF SCIENCE AND HISTORY-PINK PALACE, MEMPHIS

COST: \$10/ADULT, \$5/CHILD

Come stargaze with the Memphis Astronomical Society on the lawn of the museum. Inside the museum listen to a speaker about the James Webb telescope and enjoy a live Planetarium Show "Our Sky Tonite".

*Middle***FALL MARKET AND ARTS FESTIVAL****DATE & TIME:** FRIDAY, OCTOBER 15 @ 7:00 AM**WHERE:** LANE AGRI-PARK COMMUNITY CENTER, MURFREESBORO**COST:** FREE

Meet the farmers and your neighbors at the Rutherford County Farmer's Market. Find the perfect handmade item from local artisans for yourself or as gifts. Come shop for locally grown, produced and made items as well as locally crafted treasures. During the TN STEAM Festival you can visit the Fall Market & Arts Festival to support local artisans intermingled with the 100% producer only RCFM vendors. Artisan demonstrations to be given at vendor booths on Fri 15th, Tues 19th, and Fri 22nd. Artisans will be in attendance each Tuesday and Friday in October from 7 am - noon. For more information please call 615-898-7710 or email hlambert@utk.edu.

TREES ARE TERRIFIC!**DATE & TIME:** FRIDAY, OCTOBER 15 @ 8:00 AM**WHERE:** MIDDLE TENNESSEE STATE UNIVERSITY, MURFREESBORO**COST:** FREE

This is a self-guided tour available anytime. Did you know that trees are the largest organisms most of us will encounter in our lifetime? Come visit the MTSU campus in early fall to view representative native Tennessee trees, with one exception, the Ginkgo. Download the Native Tree map or stop by the information desk at the Cope Administration Building, Keathley University Center, or the Science Building Atrium for a foldable copy. Tree tags also have a QR code that will provide you with a walking map to specific trees that are part of the Arboretum. In collaboration with Vanderbilt University, a virtual tour of the campus can be experienced via: <http://bioimages.vanderbilt.edu/mtsu/35>

DOG PARK OUTREACH**DATE & TIME:** FRIDAY, OCTOBER 15 @ 8:00 AM**WHERE:** METRO NASHVILLE DOG PARKS, NASHVILLE**COST:** FREE

Nashville Metro Water Services is bringing education to the dog park! MWS will host a week long signage movement, where every dog park will be equipped with stormwater educational material for a given day or weekend. We want to get the word out to Scoop the Poop! The Dog Park Signage Outreach will last the duration of the festival, October 15th-24th. MWS will have signage throughout the weeks in all Metro Nashville Dog Parks including Percy Priest Dam, Centennial, Shelby Park, Two Rivers Park, Fair Park, Warner Park, and Pitts Park.

1800s SCIENCE FAIR**DATE & TIME:** FRIDAY, OCTOBER 15 @ 10:00 AM**WHERE:** BELLE MEADE HISTORIC SITE & WINERY, NASHVILLE**COST:** INCLUDED WITH ADMISSION

Take a step back in time to an 1800s Science Fair! From actual horse power to steam power, and then electrical current, the 19th century was filled with innovation. Join us and find out more about the history of inventions such as the telegraph, the phonograph, the telephone and much more! The event will be self-paced; visitors can come and go.

MINDBLOWING MATINEE - LEAF RUBBINGS**DATE & TIME:** FRIDAY, OCTOBER 15 @ 10:00 AM & 2:00 PM**WHERE:** DISCOVERY CENTER, MURFREESBORO**COST:** INCLUDED WITH ADMISSION (\$8 FOR VISITORS AGES 2+)

How cold is liquid nitrogen? What is visible light? Do reptiles lay eggs? Join Discovery Center staff as we explore the amazing world of science through hands-on experiments and demonstrations. Included with admission while supplies last. Activities sponsored by GrowingGreat.

MARTIN ARTQUEST AT THE FRIST ART MUSEUM**DATE & TIME:** FRIDAY, OCTOBER 15 @ 10:00 AM - 5:30 PM**WHERE:** FRIST ART MUSEUM, NASHVILLE**COST:** CHILDREN 18 YEARS OF AGE AND YOUNGER, FREE; ADULTS, \$15; SENIORS (65+) \$10

Martin ArtQuest (MAQ) offers hands-on art experiences. Visitors of all ages, but especially children, may participate in activities that explore a range of art-making strategies that are accessible to all—drawing, animation, printmaking, and painting. Specific activities connect with the exhibition “American Art Deco: Designing for the People, 1918-1939.”

STEAM EXPEDITION UNIT: THE PHYSICS OF SOUND**DATE & TIME:** FRIDAY, OCTOBER 15 @ 10:00 AM**WHERE:** VIRTUAL, PRESENTED BY THE NASHVILLE SYMPHONY**COST:** FREE

Explore 8 mini lessons with activities, videos, worksheets, assessments, and additional resources about sound waves and how we make music! STEAM unit is accessible at any time throughout the festival (Oct 15-24) through this link: <https://bit.ly/3nVqSno>

FALL CRAFT - DIY WREATH

DATE & TIME: FRIDAY, OCTOBER 15 @ 1:00 PM

WHERE: FIFTYFORWARD DONELSON STATION, NASHVILLE

COST: \$10 FOR MEMBERS; \$15 FOR NON-MEMBERS

Craft with us to make some festive fall décor in the form of an autumn-themed DIY wreath. Masks required. Registration is required by Friday, October 8th - call the center at 615-883-8375 to register.

AUTUMN SCAVENGER HUNT

DATE & TIME: FRIDAY, OCTOBER 15 @ 2:00 PM

WHERE: BEAMAN PARK NATURE CENTER, NASHVILLE

COST: FREE

How many types of leaves can you find? Do you hear any birds singing? Pick up a checklist from the Nature Center and explore the boardwalk trail to search for nature sights and sounds on this self-led hunt. The Autumn Scavenger Hunt will also be available on our social media pages. Every Friday in October - No registration required; this is an on-your-own activity

MTSU SCHOOL OF CONCRETE AND CONSTRUCTION MANAGEMENT

DATE & TIME: FRIDAY, OCTOBER 15 @ 3:00 PM

WHERE: MIDDLE TENNESSEE STATE UNIVERSITY, MURFREESBORO

COST: FREE

Stop by the job site to learn about the new building being constructed for the MTSU School of CCM. Parking available in the Ezell Parking Lot, 1727 Blue Raider Drive, on MTSU campus.

CREEPY CRAWLY STEM FAB FRIDAY (3RD-8TH)

DATE & TIME: FRIDAY, OCTOBER 15 @ 5:00 PM

WHERE: TENNESSEE TECH UNIVERSITY, COOKEVILLE

COST: FREE

What was that shadow on the floor? Did you hear a knocking on the door? Was that a chill down your back? This STEM night fun is right on track! A parent or guardian is expected to attend with the student(s) Students may not be left unattended. Masks are required to attend this event. Address: 155 W 7th st. Cookeville, TN, 38505



*East***SPACE EXPLORERS DISCOVERY LAB PROGRAM**

DATE & TIME: FRIDAY, OCTOBER 15 @ 11:30 AM, 1:30 PM, 3:30 PM

WHERE: HANDS ON! DISCOVERY CENTER, GRAY

COST: INCLUDED WITH ADMISSION

To Hands On! Discovery Center and beyond, for World Space Week. Try your hand at the Deep Impact Simulation challenge. Then, design and build a simple model spacecraft and complete a series of tests to ensure you are ready for launch.

STEAM ART STUDIO PROGRAMS

DATE & TIME: FRIDAY, OCTOBER 15 @ 12:00 PM, 2:00 PM

WHERE: HANDS ON! DISCOVERY CENTER, GRAY

COST: INCLUDED WITH ADMISSION

Join us for Pablo Picasso inspired cubism drawings, Frida Khalo inspired collages, and crayon resist watercolor leaf paintings.

OCTOBER 16 -----*West***INTERNATIONAL ARCHAEOLOGY DAY**

DATE & TIME: SATURDAY, OCTOBER 16 @ 10:30 AM

WHERE: CHUCALISSA MUSEUM, MEMPHIS

COST: FREE

This year we're taking Archaeology Day outside! Join us at the Chucalissa village site to learn about the science of studying the past. Make stone tools and pottery, touch real artifacts and throw darts with an atlatl, tour the archaeology trench and nature trail, and participate in a music story time.

AUTOZONE DOME AT THE SHARPE PLANETARIUM

DATE & TIME: SATURDAY, OCTOBER 16 @ 11 AM, 1 PM, 2:30 PM, 4 PM

WHERE: MUSEUM OF SCIENCE AND HISTORY-PINK PALACE, MEMPHIS

COST: \$6.00-CHILD (3-12), \$7.00-SENIOR (60+), \$8.00-ADULT (13-59), Children 2 and under – FREE

Get ready to unlock new territories in our imagination as we are swept up in exploring every corner of our vast universe. This totally different, updated experience is a step into the future!

*Phantom of the Universe - 11:00 am**Our Sky Tonight - 1:00 pm**Phantom of the Universe - 2:30 pm**Legends of the Night Sky (Laser animation) - 4:00 pm*

GALLERY ACTIVITIES AND DEMONSTRATIONS

DATE & TIME: SATURDAY, OCTOBER 16 @ 12:30 PM

WHERE: MUSEUM OF SCIENCE AND HISTORY-PINK PALACE, MEMPHIS

COST: INCLUDED WITH ADMISSION

Educational demonstrations in the natural history gallery-demonstrations include predator and prey, rocks and minerals, dinosaurs and Weddell seal.

MAKE AND TAKES

DATE & TIME: SATURDAY, OCTOBER 16 @ 1:30 PM

WHERE: MUSEUM OF SCIENCE AND HISTORY-PINK PALACE, MEMPHIS

COST: INCLUDED WITH ADMISSION

Come by Saturday, October 16 and October 23rd for a make and take craft with a Halloween theme that is free with museum admission.

DOCENT GUIDED STEAM TOURS

DATE & TIME: SATURDAY, OCTOBER 16 @ 2:30 PM

WHERE: MUSEUM OF SCIENCE AND HISTORY-PINK PALACE, MEMPHIS

COST: ADULTS \$10 + ADMISSION, CHILDREN \$5 + ADMISSION

Enhance your MOSH experience. Join us for a weekend docent tour of our exhibits. This immersive, instructor led tour through our galleries highlights one artifact each from science, technology, engineering, arts, and mathematics-STEAM! Don't miss Saturdays and Sundays at 2:30 PM to find out which artifacts our curators selected. (Recommended 3rd grade and up.)

Middle

INTERNATIONAL ARCHAEOLOGY DAY AT THE PARTHENON

DATE & TIME: SATURDAY, OCTOBER 16 @ 9:00 AM

WHERE: PARTHENON, NASHVILLE

COST: EXTERIOR-ONLY ARCHITECTURE TOURS ARE FREE

Join the Archaeological Institute of America-Nashville Society and the Nashville Parthenon on October 16 from 9 AM – 12 PM for a variety of socially-distanced family-friendly activity stations throughout the Parthenon! View the Antikythera Mechanism exhibition, explore the museum, and earn an "Official Archaeologist of the Nashville Parthenon" sticker!

For more information about International Archaeology Day, visit <http://www.archaeologyday.org>.

Discounted admission for mentioning International Archaeology Day; Regular Museum Admission: \$10 Adults, \$8 Children 4-17, \$8 Seniors 62+, Free Children under 4, Free Centennial Park Conservancy Members, Free AIA

1800s SCIENCE FAIR**DATE & TIME:** SATURDAY, OCTOBER 16 @ 10:00 AM**WHERE:** BELLE MEADE HISTORIC SITE & WINERY, NASHVILLE**COST:** INCLUDED WITH ADMISSION

Take a step back in time to an 1800s Science Fair! From actual horse power to steam power, and then electrical current, the 19th century was filled with innovation. Join us and find out more about the history of inventions such as the telegraph, the phonograph, the telephone and much more! The event will be self-paced; visitors can come and go.

VOLUNTEER STATE COMMUNITY COLLEGE CAMPUS TOUR**DATE & TIME:** SATURDAY, OCTOBER 16 @ 10:00 AM**WHERE:** VOLUNTEER STATE COMMUNITY COLLEGE, GALLATIN**COST:** FREE

Join faculty, staff, and students as you tour the Vol State Campus. Visitors will get a chance to tour the new Mechatronics wing, the Art Gallery, the Vet. Tech. Laboratory, our very own Recording Studio, and the Arboretum. Visitors will have a chance to join a tour at 10am, 12pm, or 2pm!

CAR CULTURE CAR SHOW**DATE & TIME:** SATURDAY, OCTOBER 16 @ 10:00 AM**WHERE:** ADVENTURE SCIENCE CENTER, NASHVILLE

COST: OUTDOOR CAR SHOW EVENT IS FREE. INDOOR ADMISSION IS REQUIRED TO VISIT THE CORVETTE EXHIBIT. \$18 FOR ADULTS; \$14 FOR CHILDREN AGES 2-12. UNDER 2 FREE.

Visit ASC's new exhibit: Car Culture--showcasing Corvettes ranging from 1954 to 2019, along with the parallel histories of America's iconic sports car and the science center. This special event day will showcase additional cars and their owners for you to learn more about local car culture & uniquely modified vehicles. Event runs 10am-1pm; Additional car show event date on November 13.

GET TO KNOW BEAMAN PARK**DATE & TIME:** SATURDAY, OCTOBER 16 @ 10:00 AM**WHERE:** BEAMAN PARK NATURE CENTER, NASHVILLE**COST:** FREE

Meet at the Nature Center for a hike on the Henry Hollow Loop trail. Along with the naturalist, we will observe the nature around us and learn about the Park. Whether this is your first or 500th visit to Beaman Park, you will surely see something beautiful and new! Call the Nature Center to register at 615-862-8580.

MARTIN ARTQUEST AT THE FRIST ART MUSEUM

DATE & TIME: SATURDAY, OCTOBER 16 @ 10:00 AM - 5:30 PM

WHERE: FRIST ART MUSEUM, NASHVILLE

COST: CHILDREN 18 YEARS OF AGE AND YOUNGER, FREE; ADULTS, \$15; SENIORS (65+) \$10

Martin ArtQuest (MAQ) offers hands-on art experiences. Visitors of all ages, but especially children, may participate in activities that explore a range of art-making strategies that are accessible to all—drawing, animation, printmaking, and painting. Specific activities connect with the exhibition “American Art Deco: Designing for the People, 1918-1939.”

FOSSIL DIG

DATE & TIME: SATURDAY, OCTOBER 16 @ 11:00 AM

WHERE: EARTH EXPERIENCE MUSEUM, MURFREESBORO

COST: \$1 FOR 2 FOSSILS

Earth Experience along with MTSU department of Geosciences will have a fossil dig at the museum on Oct 16. For \$1 participants will be able to collect 2 fossils out of a sandbox. Fossils include fossil shark teeth and local fossils such as crinoid stems.



NPT'S STEAM APPY HOUR

DATE & TIME: Saturday, October 16 @ 12:00 PM

WHERE: Virtual

COST: Free

Families are invited to a PBS Kids Appy Hour where kids explore fun STEM games with their favorite PBS Kids characters! There will be helpful hints for parents, too. No internet connection is required after initial download. Please have at least one device with the PBS Kids Game App already installed for this event (download at <https://pbskids.org/apps/>). Sign up at: <https://bit.ly/3IMGaZ5>

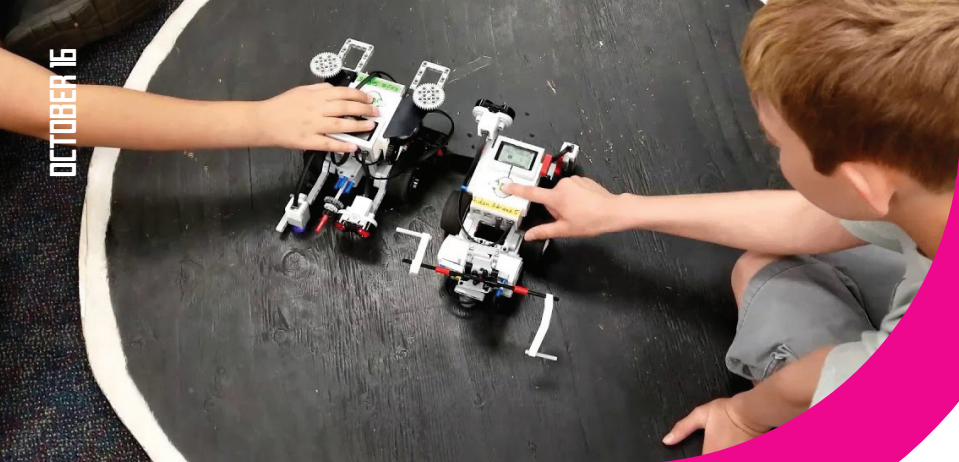
ANIMAL ENCOUNTERERS

DATE & TIME: SATURDAY, OCTOBER 16 @ 1:30 PM

WHERE: BARFIELD PARK WILDERNESS STATION, MURFREESBORO

COST: FREE

What is that crawling, slithering, sliding, flying, and hopping across the trail or even in your backyard? Each week we will look at one of our resident education animals for a mini lesson of animals that call Tennessee home. Come out and meet the best teachers we have – the animals!



East

SUMOBOT SMACKDOWN!

DATE & TIME: SATURDAY, OCTOBER 16 @ 11:00 AM

WHERE: THE MUSE, KNOXVILLE

COST: INCLUDED WITH ADMISSION

East Tennessee area robotics teams will compete in a SumoBot competitions. Other fall-themed STEAM activities will be taking place at the same time.

SPACE EXPLORERS DISCOVERY LAB PROGRAM

DATE & TIME: SATURDAY, OCTOBER 16 @ 11:30 AM, 1:30 PM, 3:30 PM

WHERE: HANDS ON! DISCOVERY CENTER, GRAY

COST: INCLUDED WITH ADMISSION

To Hands On! Discovery Center and beyond, for World Space Week. Try your hand at the Deep Impact Simulation challenge. Then, design and build a simple model spacecraft and complete a series of tests to ensure you are ready for launch. Can your spacecraft withstand the vibration of launch, or the spin of navigating through space?

STEAM ART STUDIO PROGRAMS

DATE & TIME: SATURDAY, OCTOBER 16 @ 12:00 PM, 2:00 PM

WHERE: HANDS ON! DISCOVERY CENTER, GRAY

COST: INCLUDED WITH ADMISSION

Join us for Pablo Picasso inspired cubism drawings, Frida Khalo inspired collages, and crayon resist watercolor leaf paintings.

West

GALLERY ACTIVITIES AND DEMONSTRATIONS**DATE & TIME:** SUNDAY, OCTOBER 17 @ 12:30 PM**WHERE:** MUSEUM OF SCIENCE AND HISTORY-PINK PALACE, MEMPHIS**COST:** INCLUDED WITH ADMISSION

Join MOSH for educational demonstrations in the natural history gallery- demonstrations include predator and prey, rocks and minerals, and dinosaurs.

AUTOZONE DOME AT THE SHARPE PLANETARIUM**DATE & TIME:** SUNDAY, OCTOBER 17 @ 1:00 PM, 2:30 PM, 4:00 PM**WHERE:** MUSEUM OF SCIENCE AND HISTORY-PINK PALACE, MEMPHIS**COST:** \$6.00/CHILD (3-12), \$7.00/SENIOR (60+), \$8.00/ADULT (13-59), Children 2 and under – FREE

Get ready to unlock new territories in our imagination as we are swept up in exploring every corner of our vast universe. This totally different, updated experience is a step into the future!

Our Sky Tonight - 1:00 pm***Phantom of the Universe - 2:30 Pm******Legends of the Night Sky (Laser animation) - 4:00 pm***

Middle

1800s SCIENCE FAIR**DATE & TIME:** SUNDAY, OCTOBER 17 @ 10:00 AM**WHERE:** BELLE MEADE HISTORIC SITE & WINERY, NASHVILLE**COST:** INCLUDED WITH ADMISSION

Take a step back in time to an 1800s Science Fair! From actual horse power to steam power, and then electrical current, the 19th century was filled with innovation. Join us and find out more about the history of inventions such as the telegraph, the phonograph, the telephone and much more! The event will be self-paced; visitors can come and go.

MARTIN ARTQUEST AT THE FRIST ART MUSEUM**DATE & TIME:** SUNDAY, OCTOBER 17 @ 1:00 PM - 5:30 PM**WHERE:** FRIST ART MUSEUM, NASHVILLE**COST:** CHILDREN 18 YEARS OF AGE AND YOUNGER, FREE; ADULTS, \$15; SENIORS (65+) \$10

Martin ArtQuest (MAQ) offers hands-on art experiences. Visitors of all ages, but especially children, may participate in activities that explore a range of art-making strategies that are accessible to all. Specific activities connect with the exhibition "American Art Deco: Designing for the People, 1918-1939."

*East***SPACE EXPLORERS DISCOVERY LAB PROGRAM****DATE & TIME:** SUNDAY, OCTOBER 17 @ 11:30 AM, 1:30 PM, 3:30 PM**WHERE:** HANDS ON! DISCOVERY CENTER, GRAY**COST:** INCLUDED WITH ADMISSION

To Hands On! Discovery Center and beyond, for World Space Week. Try your hand at the Deep Impact Simulation challenge. Then, design and build a simple model spacecraft and complete a series of tests to ensure you are ready for launch. Can your spacecraft withstand the vibration of launch, or the spin of navigating through space?

STEAM ART STUDIO PROGRAMS**DATE & TIME:** SUNDAY, OCTOBER 17 @ 12:00 PM, 2:00 PM**WHERE:** HANDS ON! DISCOVERY CENTER, GRAY**COST:** INCLUDED WITH ADMISSION

Join us for Pablo Picasso inspired cubism drawings, Frida Khalo inspired collages, and crayon resist watercolor leaf paintings.

**MONARCH TAGGING****DATE & TIME:** SUNDAY, OCTOBER 17 @ 1:00 PM**WHERE:** ZOO KNOXVILLE**COST:** \$8/PERSON, ALL AGES

Enjoy the wonder and beauty of flying flowers as we search the park for monarchs and other butterflies. To help scientists understand the monarch migration, we'll put tracking tags on the monarchs we're able to catch.

Advance registration required.

<https://www.zooknoxville.org/experience/monarch-tagging/>

OCTOBER 18*Middle***FALL-INSPIRED WATERCOLOR CLASS****DATE & TIME:** MONDAY, OCTOBER 18 @ 1:00 PM**WHERE:** FIFTYFORWARD J. L. TURNER CENTER, NASHVILLE**COST:** \$30 FOR NON FIFTYFORWARD MEMBERS; \$25 FOR MEMBERS

Join us for a fall inspired triptych watercolor project. We will be learning about wet on wet application and how to create a sense of depth and space. No previous experience required- all materials are supplied but feel free to bring your own favorite brushes or paints if you like. Masks required.

*Middle***STORYTIME AT LINEBAUGH****DATE & TIME:** TUESDAY, OCTOBER 19 @ 10:00 AM**WHERE:** LINEBAUGH PUBLIC LIBRARY, MURFREESBORO**COST:** FREE

Linebaugh Library is offering a special Light and Shadow Storytime during STEAM Week on October 19 and 20 at 10 am. Please register for this free event in advance by going to rclstn.org/calendar or by calling 615-893-4131 x114.

CREATE WITH VANDERBILT**DATE & TIME:** TUESDAY, OCTOBER 19 @ 10:00 AM**WHERE:** FIFTYFORWARD - KNOWLES CENTER, NASHVILLE**COST:** \$5 GUEST FEE FOR NON FIFTYFORWARD MEMBERS

The CREATE (Center for Rehabilitation Engineering & Assistive Technology) program at Vanderbilt performs research on a range of topics, from biomechanics of human movement to developing prosthetic limbs, exoskeletons, exosuits, wearables, and smart clothing. Learn about their current research and even get the opportunity to try on and test out some products yourself! Program will run for one hour. Masks required.

*SIGNATURE EVENT***HOW TENNESSEE GOT ON THE PERIODIC TABLE!****DATE & TIME:** TUESDAY, OCTOBER 19 @ 1:00 PM**WHERE:** VIRTUAL, TENNESSEE SECTIONS OF THE AMERICAN CHEMICAL SOCIETY**COST:** FREE

In 2016, Tennessee became the second state to be honored on the iconic Periodic Table of the Elements! 'Zoom-in' for a discussion with co-discoverer and Vanderbilt Distinguished Professor of Physics Joe Hamilton. Preston MacDougall, MTSU Professor and Director of the Tennessee Junior Academy of Science, will moderate this event about how the new element was discovered with help from scientists in Oak Ridge, California, and Russia! Find out why the name is Tennessine, and not Tennessium. Visit tnsteam.org for Zoom link.

**GEOLOGY****DATE & TIME:** TUESDAY, OCTOBER 19 @ 1:30 PM**WHERE:** BARFIELD PARK WILDERNESS STATION, MURFREESBORO**COST:** FREE

Join us at the Wilderness Station as we study geology, including rock types and the rock cycle! We will do our own rock testing and head outside for a short hike!

THE SIRIUS STEM SESSIONS

DATE & TIME: TUESDAY, OCTOBER 19 @ 6:30 PM

WHERE: TENNESSEE STEM EDUCATION CENTER, MTSU SCIENCE BUILDING, MURFREESBORO

COST: FREE

Come join us under the brightest star in the night sky. Come hear the brightest minds from a variety of STEM fields speak and take you on a journey of their impactful work. Under the brightest star meets the brightest minds at . . . The Sirius STEM Sessions. Online stream also available.

East

DISCOVERY CART CUBELETS ROBOTIC CODING BLOCKS

DATE & TIME: TUESDAY, OCTOBER 19 @ 10:00 AM

WHERE: HANDS ON! DISCOVERY CENTER, GRAY

COST: INCLUDED WITH ADMISSION



Stop by our Discovery Cart to explore something new each week. All activities are self-guided. All cart program components and materials must remain on site unless otherwise noted. Each cart activity may contain small parts not suitable for children 3 and under. FREE with general paid admission.

ATOMIC GLOW PUTTY DISCOVERY LAB PROGRAM

DATE & TIME: TUESDAY, OCTOBER 19 @ 11:30 AM, 1:30 PM, 3:30 PM

WHERE: HANDS ON! DISCOVERY CENTER, GRAY

COST: INCLUDED WITH ADMISSION

We are stirring up something gloppy, goopy, and spooky in the lab for National Chemistry Week and Halloween. Learn about the perplexing properties of polymers and make your own atomic glowing silly putty to take home.

STEAM ART STUDIO PROGRAMS

DATE & TIME: TUESDAY, OCTOBER 19 @ 12:00 PM, 2:00 PM

WHERE: HANDS ON! DISCOVERY CENTER

COST: INCLUDED WITH ADMISSION

Join us for Pablo Picasso inspired cubism drawings, Frida Khalo inspired collages, and crayon resist watercolor leaf paintings.

*West***SPOOKY STEAM EXPERIMENTS****DATE & TIME:** WEDNESDAY, OCTOBER 20 @ 4:00 PM**WHERE:** BARTLETT PUBLIC LIBRARY**COST:** INCLUDED WITH ADMISSION

Join us as we do some spooky experiments in celebration of Tennessee STEAM Fest! We'll have all kinds of fizzy, sticky, slimy, and tricky Halloween-themed fun! The event will be an hour to an hour and a half long. Participants must register beforehand through the event calendar on the library website, and should contact the library for information in the case of inclement weather.

*Middle***PROFESSIONAL DEVELOPMENT: INTEGRATING SCIENCE & LITERACY****DATE & TIME:** WEDNESDAY, OCTOBER 20 @ 19:30 AM**WHERE:** DISCOVERY CENTER, MURFREESBORO**COST:** FREE, REGISTRATION REQUIRED.

The Leap into Science Network provides FREE training and resources that integrate open-ended science activities with children's books. The workshop is designed for educators in and out of school settings who work with children ages 6-10 and children 3-10 in partnership with their families.

Registration required: <https://bit.ly/3CIPh3Y>

MINDBLOWING MATINEE - APPLE STAMP PUMPKIN CRAFT**DATE & TIME:** WEDNESDAY, OCTOBER 20 @ 10:00 AM, 2:00 PM**WHERE:** DISCOVERY CENTER, MURFREESBORO**COST:** INCLUDED WITH ADMISSION

Join us at this week's Mindblowing Matinee for food-based activities sponsored by GrowingGreat.

A COSMIC JOURNEY**DATE & TIME:** WEDNESDAY, OCTOBER 20 @ 1:00 PM**WHERE:** FIFTYFORWARD, MADISON**COST:** \$5 FOR NON FIFTYFORWARD MEMBERS

Join us for "A Cosmic Journey," a four part exploration into some of the unique aspects of our solar system. Topics will include Moons, Pluto & the Kuiper Belt, the Mars Rover & Other Space Missions, and Are We Alone?

This will be one class as part of a four-class series every Wednesday in October (6th, 13th, 20th, 27th); Classes run 75-90 minutes; masks required.

Zoom link available, please email hmcneese@fiftyforward.org for link.

BACKYARD ASTRONOMY

DATE & TIME: WEDNESDAY, OCTOBER 20 @ 1:00 PM

WHERE: FIFTYFORWARD, COLLEGE GROVE

COST: \$5 FOR NON FIFTYFORWARD MEMBERS; FREE FOR MEMBERS

Look at telescopes and other devices that will help you become a Backyard Astronomer. Masks required

CHEESE MAKING

DATE & TIME: WEDNESDAY, OCTOBER 20 @ 2:00 PM

WHERE: FIFTYFORWARD MARTIN CENTER, BRENTWOOD

COST: \$5 FOR NON FIFTYFORWARD MEMBERS; FREE FOR MEMBERS

Join Gordon Taylor and learn the process behind making delicious cheese! Samples are included. Samples must be eaten outside; Masks required; program will last one hour.

THE SCIENCE OF CREATIVITY ART EXHIBIT RECEPTION

DATE & TIME: WEDNESDAY, OCTOBER 20 @ 5:00 PM

WHERE: MURFREESBORO CITY HALL ROTUNDA

COST: FREE

Presented by Rutherford Arts Alliance. Exhibit theme can be interpreted broadly to explain creative processes, innovation, science or science fiction. Questions to consider: Is creativity a gift given only to a chosen few? Or is there creativity within everyone waiting to be developed? Are there really any truly original ideas? Can you study, practice and refine your creative skill? Do artists have more curiosity, tenacity, intelligence or a greater ability to retain large amounts of information? Are artists more willing to experiment, push new limits, challenge conventions and connect knowledge in other fields and current events? Exhibit will be on display October 19th through November 17th.

*East***DISCOVERY CART CUBELETS ROBOTIC CODING BLOCKS**

DATE & TIME: WEDNESDAY, OCTOBER 20 @ 10:00 AM

WHERE: HANDS ON! DISCOVERY CENTER, GRAY

COST: INCLUDED WITH ADMISSION

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ATOMIC GLOW PUTTY DISCOVERY LAB PROGRAM

DATE & TIME: WEDNESDAY, OCTOBER 20 @ 11:30 AM, 1:30 PM, 3:30 PM

WHERE: HANDS ON! DISCOVERY CENTER, GRAY

COST: INCLUDED WITH ADMISSION

We are stirring up something gloppy, goopy, and spooky in the lab for National Chemistry Week and Halloween. Learn about the perplexing properties of polymers and make your own atomic glowing silly putty to take home.

STEAM ART STUDIO PROGRAMS

DATE & TIME: WEDNESDAY, OCTOBER 20 @ 12:00 PM, 2:00 PM

WHERE: HANDS ON! DISCOVERY CENTER, GRAY

COST: INCLUDED WITH ADMISSION

Join us for Pablo Picasso inspired cubism drawings, Frida Khalo inspired collages, and crayon resist watercolor leaf paintings.

OCTOBER 21 -----

Middle

MINDBLOWING MATINEE - APPLE STAMP PUMPKIN CRAFT

DATE & TIME: THURSDAY, OCTOBER 21 @ 10:00 AM, 2:00 PM

WHERE: DISCOVERY CENTER, MURFREESBORO

COST: INCLUDED WITH ADMISSION

Food-based activities sponsored by GrowingGreat.

ANIMAL TRACKS AND SIGNS

DATE & TIME: THURSDAY, OCTOBER 21 @ 1:00 PM

WHERE: BARFIELD PARK WILDERNESS STATION, MURFREESBORO

COST: FREE

What creatures do we share the park with? We will learn about different animal tracks and signs, while making a track replica to take home. Then we will hit the trails to look for animal signs in the wild! Ages 5 and up, Free.

HOMESCHOOL LAB: HYDROELECTRIC POWER

DATE & TIME: THURSDAY, OCTOBER 21 @ 1:00 PM

WHERE: DISCOVERY CENTER, MURFREESBORO

COST: \$8/STUDENT; \$5/CHAPERONE

Explore different sources of renewable and nonrenewable energy! Students will explore pros and cons of the different power sources and construct their own examples of the energies. 2nd-6th grade.

*East***STEAM FEST**

DATE & TIME: THURSDAY, OCTOBER 21 @ 4:30 PM

WHERE: BOYS & GIRLS CLUB OF DUMPLIN VALLEY, JEFFERSON CITY

COST: MEMBERS ONLY

Members will learn how to code programs, do a hands on craft, put together a marble run, and use quick thinking math skills in MATH Dance Revolution.

PELLISSIPPI STATE GIVE KC3: IT CAREER OFFERINGS

DATE & TIME: THURSDAY, OCTOBER 21 @ 7:00 PM

WHERE: VIRTUAL

COST: FREE

Learn about Pellissippi State's GIVE grant focusing on work-based learning opportunities in Information Technology for middle and high school students. Zoom link: <https://us02web.zoom.us/j/87031742522> - Meeting ID: 870 3174 2522.

DISCOVERY CART CUBELETS ROBOTIC CODING BLOCKS

DATE & TIME: THURSDAY, OCTOBER 21 @ 10:00 AM

WHERE: HANDS ON! DISCOVERY CENTER, GRAY

COST: INCLUDED WITH ADMISSION

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ATOMIC GLOW PUTTY DISCOVERY LAB PROGRAM

DATE & TIME: THURSDAY, OCTOBER 21 @ 11:30 AM, 1:30 PM, 3:30 PM

WHERE: HANDS ON! DISCOVERY CENTER, GRAY

COST: INCLUDED WITH ADMISSION

We are stirring up something gloppy, goopy, and spooky in the lab for National Chemistry Week and Halloween. Learn about the perplexing properties of polymers and make your own atomic glowing silly putty to take home.

STEAM ART STUDIO PROGRAMS

DATE & TIME: THURSDAY, OCTOBER 21 @ 12:00 PM, 2:00 PM

WHERE: HANDS ON! DISCOVERY CENTER, GRAY

COST: INCLUDED WITH ADMISSION

Join us for Pablo Picasso inspired cubism drawings, Frida Khalo inspired collages, and crayon resist watercolor leaf paintings.

*Middle***MINDBLOWING MATINEE - APPLE STAMP PUMPKIN CRAFT****DATE & TIME:** FRIDAY, OCTOBER 22 @ 10:00 AM, 2:00 PM**WHERE:** DISCOVERY CENTER, MURFREESBORO**COST:** INCLUDED WITH ADMISSION

Join us at this week's Mindblowing Matinee for food-based activities sponsored by GrowingGreat.

**GSK SCIENCE IN THE SUMMER™
BE A STRUCTURAL ENGINEER****DATE & TIME:** FRIDAY, OCTOBER 22 @ 4:00 PM**WHERE:** VIRTUAL**COST:** FREE

Your child (2nd-5th grade) is invited to play the role of a scientist— a structural engineer—to explore basic concepts of engineering and solve a real-world problem. Join us for this live, hands-on workshop by registering here:

<https://bit.ly/3i0OqDQ>

*East***DISCOVERY CART CUBELETS ROBOTIC CODING BLOCKS****DATE & TIME:** FRIDAY, OCTOBER 22 @ 10:00 AM**WHERE:** HANDS ON! DISCOVERY CENTER, GRAY**COST:** INCLUDED WITH ADMISSION

Stop by our Discovery Cart to explore something new each week. All activities are self-guided. All cart program components and materials must remain on site unless otherwise noted. Each cart activity may contain small parts not suitable for children 3 and under. FREE with general paid admission.

STEAM ART STUDIO PROGRAMS**DATE & TIME:** FRIDAY, OCTOBER 22 @ 12:00 PM, 2:00 PM**WHERE:** HANDS ON! DISCOVERY CENTER, GRAY**COST:** INCLUDED WITH ADMISSION

Join us for Pablo Picasso inspired cubism drawings, Frida Khalo inspired collages, and crayon resist watercolor leaf paintings.

*West***IT'S ALL ABOUT STEAM****DATE & TIME:** SATURDAY, OCTOBER 23 @ 10:30 AM**WHERE:** MUSEUM OF SCIENCE AND HISTORY-PINK PALACE, MEMPHIS**COST:** \$30/ADULT, \$15/ CHILD, \$10 OFF FOR MEMBERS

Enjoy this STEAM-powered event featuring booths, activities, talks, presentations, demonstrations and much more. See and learn about the importance of STEAM and STEAM career paths from a wide range of community partners.

GALLERY ACTIVITIES AND DEMONSTRATIONS**DATE & TIME:** SATURDAY, OCTOBER 23 @ 12:30 PM**WHERE:** MUSEUM OF SCIENCE AND HISTORY-PINK PALACE, MEMPHIS**COST:** INCLUDED WITH ADMISSION

Join MOSH for educational demonstrations in the natural history gallery- demonstrations include predator and prey, rocks and minerals, and dinosaurs.

*Middle***MINDBLOWING MATINEE - APPLE STAMP PUMPKIN CRAFT****DATE & TIME:** SATURDAY, OCTOBER 23 @ 10:00 AM**WHERE:** DISCOVERY CENTER, MURFREESBORO**COST:** INCLUDED WITH ADMISSION

Food-based activities sponsored by GrowingGreat.

GEOLOGY OF WARNER PARK**DATE & TIME:** SATURDAY, OCTOBER 23 @ 10:00 AM**WHERE:** WARNER PARK NATURE CENTER, NASHVILLE**COST:** FREE

Check out Will Chamberlain's amazing rock, fossil and mineral collection! This program is for all ages. Registration not required.

APPLE VOLCANOS**DATE & TIME:** SATURDAY, OCTOBER 23 @ 11:00 AM**WHERE:** BREEDEN'S ORCHARD, LEBANON**COST:** FREE

Apple Volcanos, leaf rubbing, and other fall fun.

SIGNATURE EVENT

STEAM-A-PALOOZA

DATE & TIME:

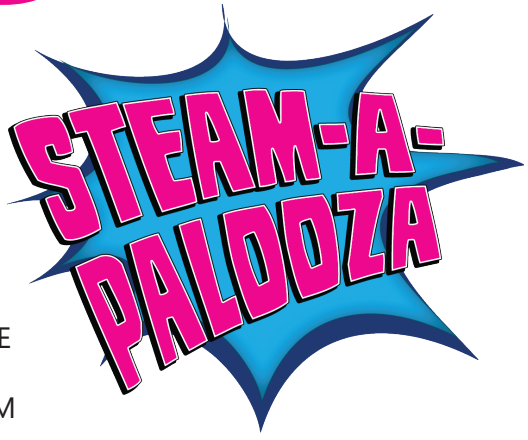
SATURDAY, OCTOBER 23
1:00 PM - 5:00 PM

WHERE:

DISCOVERY CENTER,
MURFREESBORO

COST:

OUTDOOR ACTIVITIES ARE
FREE; 1/2 PRICE MUSEUM
ADMISSION UNTIL 4:00 PM



Join Discovery Center and a special mix of local artists, scientists, and engineers for all-ages, hands-on STEAM (Science, Technology, Engineering, Art & Math) fun! This event is rain or shine.

Participating Organizations

APPEARANCE BY R2D2!

MY CLUCK HUT: Cold process soap production

LIPSCOMB'S COLLEGE OF ENGINEERING: Snap Circuits and Rocket display

PARTHENON: STEAM and Archaeology

TENNESSEE STEM EDUCATION CENTER: Marsh Launch: How Far Will It Fly?

AL-WAHDA "A UNITED MUSLIM ASSOCIATION": Science and art

MURFREESBORO FIRE RESCUE DEPARTMENT : Touch a Truck

MTSU DEPARTMENT OF CHEMISTRY: Hands-on Green Chemistry

TECHNOLOGY ENGAGEMENT CENTER: Patterns in Nature

STEWARTS CREEK ROBOTICS: VEX Robotics

MTSU COLLEGIATE FFA: Food For Thought

TENNESSEE GIRLS COLLABORATIVE: This is What a Scientist Looks Like

MURFREESBORO FAMILY CHIROPRACTIC & REHABILITATION: Hands on with spine and skeleton models

MURFREESBORO CITY SCHOOLS: Farm to Table

DREAM BIG HELPING BUILT A BETTER YOU: Art Painted Rocks

ARTS CENTER OF CANNON COUNTY: Learn about the theatre

MTEACH: Full STEAM Ahead for Your Health

Sponsored by





BIG BUG HUNT

DATE & TIME: SATURDAY, OCTOBER 23 @ 2:00 PM

WHERE: BELMONT UNIVERSITY, NASHVILLE

COST: FREE

Join Belmont entomologist Dr. Steve Murphree as he collects and describes insects and other arthropods (the last big bugs of fall before the first heavy frost) on the grounds of the Historic Sam Davis Home and Plantation in Smyrna. Collecting equipment will be provided. Approximately 1.5 hours

THE ELVES & THE SHOEMAKER VIRTUAL WORKSHOP

DATE & TIME: SATURDAY, OCTOBER 23 @ 3:00 PM

WHERE: VIRTUAL

COST: FREE

Join one of Nashville Children's Theatre's Teaching Artists over Zoom to explore the exciting world of STEAM related to its production of *The Elves & the Shoemaker!* Using your actor tools of body, voice, and imagination, you will enter the world of this exciting play. Register for this FREE workshop today at bit.ly/NCTelves. Space is limited! Recommended for ages 5-7.

*Use the special discount code **VISION** during the TN STEAM Festival to get the child ticket rate (\$17) for every ticket you purchase to see Nashville Children's Theatre's production of *The Elves & the Shoemaker!* (Discount code will only work October 15-24.)*

*East***GIRLS INC, OF TENNESSEE VALLEY STEM TABLE**

DATE & TIME: SATURDAY, OCTOBER 23 @ 9:00 AM

WHERE: MARKET SQUARE FARMERS MARKET, KNOXVILLE

COST: FREE

Girls Inc. of Tennessee Valley will have a table set up at the Market Square Farmers Market in downtown Knoxville, TN on Saturday, October 23rd from 9:00-2:00. There will be free activities and items to bring home! This is open to girls AND boys! Parking is free in the Market square parking garage, or one of the several other parking garages in downtown Knoxville!

STEAM ART STUDIO PROGRAMS

DATE & TIME: SATURDAY, OCTOBER 23 @ 12:00 PM, 2:00 PM

WHERE: HANDS ON! DISCOVERY CENTER

COST: INCLUDED WITH ADMISSION

Join us for Pablo Picasso inspired cubism drawings, Frida Khalo inspired collages, and crayon resist watercolor leaf paintings.

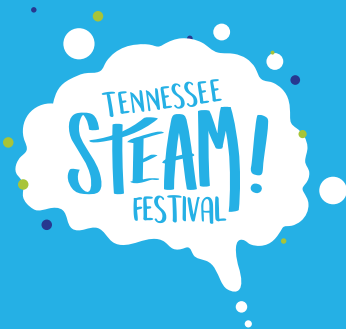
OCTOBER 24 -----*West***GALLERY ACTIVITIES AND DEMONSTRATIONS**

DATE & TIME: SUNDAY, OCTOBER 24 @ 12:30 PM

WHERE: MUSEUM OF SCIENCE AND HISTORY-PINK PALACE, MEMPHIS

COST: INCLUDED WITH ADMISSION

Join MOSH for educational demonstrations in the natural history gallery- demonstrations include predator and prey, rocks and minerals, and dinosaurs.

**BE BRILLIANT!**

THE TENNESSEE STEAM FESTIVAL IS A CELEBRATION OF

SCIENCE • TECHNOLOGY • ENGINEERING • ART • MATH

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Tennessee Sections of the American Chemical Society



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2021 FESTIVAL PRESENTED IN PARTNERSHIP WITH:

