OCTOBER 9 - 18, 2020
PROGRAM GUIDE

#BEBRILLIANT
TNSTEAM.ORG
#TNSTEAMFEST
FRIDAY, OCTOBER 9
West Tennessee
Virtual Field Trips
9:00 AM - Virtual
Shelby Farms Park, Memphis

Virtual Field Trip
9:30 AM - Virtual
Pink Palace Museum, Memphis

Pop Up Craft Fair & Crafters on the Mezzanine
10:00 AM

Tributaries Podcast
10:00 AM - Virtual
Pink Palace Museum, Memphis

Community Scavenger Hunt
10:30 AM - Virtual
Pink Palace Museum, Memphis

Demo Carts & Craft Activities
10:30 AM

Explorer Challenges
10:30 AM

Scarecrow Contest
11:00 AM

Lichterman Nature Center, Memphis

Two Pieces of Glass
11:00 AM & 2:30 PM
Pink Palace Museum, Memphis

Great Barrier Reef 3D Theater
11:00 AM, 1:00 PM & 4:00 PM
Pink Palace Museum, Memphis

Dinosaurs of Antarctica 3D
2:30 PM & 5:30 PM
Pink Palace Museum, Memphis

Middle Tennessee
Poop Scoop Heroes
All Day - Virtual
Nashville Metro Water Services

Stormwater Scavenger Hunt
All Day - Virtual
Nashville Metro Water Services

Microorganism Farts & Energy
All Day - Virtual
Nashville Metro Water Services

Thirsty Tree Scavenger Hunt
All Day - Virtual
Nashville Metro Water Services

East Tennessee
3rd Annual Civil War STEAM
9:00 AM - Virtual
The Abraham Lincoln Library and Museum, Harrogate

Family Challenge Kits
10:00 AM

Hands On! Discovery Center, Gray

Miocene Masterpiece
10:00 AM

STEAM Art Studio Programs
10:00 AM

Hands On! Discovery Center, Gray

STEAM Discovery Cart
10:00 AM

Hands On! Discovery Center, Gray

Statewide
Tennessee Craft Week
All Day - Virtual

SATURDAY, OCTOBER 10
West Tennessee
Guided Nature Walks
9:00 AM - Outdoors
Lichterman Nature Center, Memphis

Festival at a glance
Events subject to change. Some events may require pre-registration and/or charge a fee for admission.
Demo Carts & Crafts
10:30 AM
Pink Palace Museum, Memphis

Two Pieces of Glass
11:00 AM & 2:30 PM
Pink Palace Museum, Memphis

Dinosaurs of Antarctica 3D
2:30 PM & 5:30 PM
Pink Palace Museum, Memphis

CTI Giant Theater: Harry Potter
4:00 PM
Pink Palace Museum, Memphis

**Middle Tennessee**

Fall Into Science
10:00 AM
Adventure Science Center, Nashville

Hispanic Heritage Day
10:00 AM & 2:00 PM
Discovery Center, Murfreesboro

Let’s Go Fly a Kite: Easy Kite Making & Stories
1:00 PM - Virtual
Chinese Arts Alliance, Nashville

Square Peg, Round Hole: A Creative Experience
2:00 PM - Virtual
The Bloom Stage, Murfreesboro

GrowingGreat Veggies & Fruits/Verduras y Frutas
2:00 PM - Virtual
GrowingGreat, National

**East Tennessee**

Brilliant Bernoulli
11:30 AM & 3:30 PM
Creative Discovery Museum, Chattanooga

**East Tennessee**

Brilliant Bernoulli
11:30 AM & 3:30 PM
Creative Discovery Museum, Chattanooga

**TUESDAY, OCTOBER 13**

**West Tennessee**

Earth Science Week
10:00 AM
Discovery Park of America, Union City

Two Pieces of Glass
11:00 AM & 2:30 PM
Pink Palace Museum, Memphis

Great Barrier Reef 3D Theater
11:00 AM, 1:00 PM & 4:00 PM
Pink Palace Museum, Memphis

Dinosaurs of Antarctica 3D
2:30 PM & 5:30 PM
Pink Palace Museum, Memphis

**Middle Tennessee**

STEAM WALK with MCS
10:00 AM
Murfreesboro City Schools

From Nothing to Something: The Innovation of Music
12:00 PM - Virtual
National Museum of African American Music, Nashville

Mythbusting: Creativity Edition
1:00 PM
Middle Tennessee State University & Rutherford Arts Alliance, Murfreesboro

STEAM Night: Seize the Arts
5:00 PM - Virtual
Carpe Artista Arts Academy, Smyrna

Count Drahoon’s Feature of Fright
7:00 PM - Virtual
Rutherford Arts Alliance, Murfreesboro

**East Tennessee**

Facebook Live STEAM Program
1:30 PM - Virtual
Hands On! Discovery Center, Gray

Aspirations in Computing: Why to Apply & How
7:00 PM - Virtual
AiC Tennessee Middle & East Affiliate, Anderson, Knox, & Putman Counties

**WEDNESDAY, OCTOBER 14**

**West Tennessee**

Guided Nature Walks
9:00 AM - Outdoors
Lichterman Nature Center, Memphis

Earth Science Week
10:00 AM
Discovery Park of America, Union City

Two Pieces of Glass
11:00 AM & 2:30 PM
Pink Palace Museum, Memphis

Great Barrier Reef 3D Theater
11:00 AM, 1:00 PM & 4:00 PM
Pink Palace Museum, Memphis

Dinosaurs of Antarctica 3D
2:30 PM & 5:30 PM
Pink Palace Museum, Memphis

Binary Bracelets
4:00 PM - Virtual
Bartlett Public Library, Bartlett

**Middle Tennessee**

STEAM WALK with MCS
10:00 AM
Murfreesboro City Schools

Exploring our Solar System: Black Holes and More
1:00 PM - Virtual
FiftyForward, Nashville

Bridges, Roads, Buildings & Pumpkins
3:00 PM
Middle Tennessee State University, Murfreesboro

Maker Activity
3:00 PM - Virtual Zoom
Studio NPL, Nashville Public Library, Nashville

**East Tennessee**

Middle School Virtual Science Experiment
11:00 AM - Virtual
Girls Inc. of Tennessee Valley, Oak Ridge

**THURSDAY, OCTOBER 15**

**West Tennessee**

Earth Science Week
10:00 AM
Discovery Park of America, Union City

For up to date information, visit [tnsteam.org](http://tnsteam.org)
Two Pieces of Glass  
11:00 AM & 2:30 PM  
Pink Palace Museum, Memphis

Great Barrier Reef 3D Theater  
11:00 AM, 1:00 PM & 4:00 PM  
Pink Palace Museum, Memphis

Dinosaurs of Antarctica 3D  
2:30 PM & 5:30 PM  
Pink Palace Museum, Memphis

**Middle Tennessee**  
STEAM WALK with MCS  
10:00 AM  
Murfreesboro City Schools

The Dirt on Composting  
11:00 AM - Virtual  
Metro Nashville Public Works

The Innovation of Music  
12:00 PM - Virtual  
National Museum of African American Music, Nashville

**FRIDAY, OCTOBER 16**  
**West Tennessee**  
Pelican Festival  
All Day  
Reelfoot State Park, Tiptonville

Pop Up Craft Fair & Crafters  
10:00 AM  
Pink Palace Museum, Memphis

Family Learning at the Garden  
10:00 AM - Outdoors  
Memphis Botanic Garden

Earth Science Week  
10:00 AM  
Discovery Park of America, Union City

Two Pieces of Glass  
11:00 AM & 2:30 PM  
Pink Palace Museum, Memphis

Great Barrier Reef 3D Theater  
11:00 AM, 1:00 PM & 4:00 PM  
Pink Palace Museum, Memphis

Dinosaurs of Antarctica 3D  
2:30 PM & 5:30 PM  
Pink Palace Museum, Memphis

**Middle Tennessee**  
Coding your ART - Private  
8:00 AM  
Rocky Fork Middle School, Smyrna

STEAM WALK with MCS  
10:00 AM  
Murfreesboro City Schools

Watercolor Art Class  
1:00 PM - Virtual  
FiftyForward Center, Nashville

STEAM @ Home  
6:00 PM - Virtual  
MTeach, Murfreesboro

**SATURDAY, OCTOBER 17**  
**West Tennessee**  
Pelican Festival  
All Day  
Reelfoot State Park, Tiptonville

Guided Nature Walks  
9:00 AM - Outdoors  
Lichterman Nature Center, Memphis

Pop Up Craft Fair  
10:00 AM  
Pink Palace Museum, Memphis

International Archaeology Day  
10:00 AM  
C.H. Nash Museum, Memphis

Earth Science Week  
10:00 AM  
Discovery Park of America, Union City

Demo Carts & Craft Activities  
10:30 AM  
Pink Palace Museum, Memphis

Two Pieces of Glass  
11:00 AM & 2:30 PM  
Pink Palace Museum, Memphis

Book Preservation Workshop  
1:00 PM  
Pink Palace Museum, Memphis

CTI Giant Theater: Harry Potter  
4:00 PM  
Pink Palace Museum, Memphis

**Middle Tennessee**  
International Archaeology Day  
9:00 AM  
The Parthenon, Nashville

Fall Color Hikes  
9:30 AM - Outdoors  
Owl's Hill Nature Sanctuary, Brentwood

Fall Into Science  
10:00 AM  
Adventure Science Center, Nashville

**SUNDAY, OCTOBER 18**  
**West Tennessee**  
Pop Up Craft Fair & Crafters on the Mezzanine  
10:00 AM  
Pink Palace Museum, Memphis

Demo Carts & Craft Activities  
10:30 AM  
Pink Palace Museum, Memphis

Two Pieces of Glass  
11:00 AM & 2:30 PM  
Pink Palace Museum, Memphis

Great Barrier Reef 3D Theater  
11:00 AM, 1:00 PM & 4:00 PM  
Pink Palace Museum, Memphis

Dinosaurs of Antarctica 3D  
2:30 PM & 5:30 PM  
Pink Palace Museum, Memphis

**Middle Tennessee**  
The Look of Things Unseen  
12:00 PM - Virtual  
Nashville Section of the American Chemical Society, Murfreesboro

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

9:00 AM  Virtual Field Trips

HOST: Virtual - Shelby Farms Park, Memphis
COST: $30 per virtual field trip - Each virtual field trip program can be taught to 1 classroom at a time or 20 students learning from home.

A unique educational experience for students learning in the classroom or from home. Each program includes a lesson, virtual field trip guide, trivia questions, and a virtual nature hike. Lesson topics include buffalo, food chains + food webs, habitats + animal adaptations, and more. Contact cfortenberry@shelbyfarmspark.org to schedule.

9:30 AM  Virtual Field Trip

HOST: Virtual - Pink Palace Museum
COST: $4 per student; Minimum of 10; Materials included.

A recorded 30-45 minute lesson that includes demonstrations for your students. Choose from Memorable Memphians Gallery Tour, Sound Science, Weather Whys, Fun with Physical Science or Learning Labels. Call 901-636-2362 to reserve. Your materials will be delivered to your school before your planned field trip.

10:00 AM  Tributaries Podcast

HOST: Virtual - Pink Palace Museum
COST: Free

Learn about John James Audubon and dive into the story of how a woodsman became an internationally renowned naturalist and artist. Look at the techniques he used in both his art and science. You can find this episode and other stories about the intersection of art and history by following “Tributaries” on Apple Podcasts, Stitcher, Google or wherever you listen to podcasts.

HONORARY CHAIR | William Schaffner, M.D.
Professor, Preventive Medicine, Health Policy
Professor, Division of Infectious Diseases
Vanderbilt University School of Medicine

The Tennessee STEAM Festival is thrilled to have Dr. William Schaffner as this year’s Honorary Chair. Schaffner is often seen on national news programs talking about public health issues such as pandemics and the coronavirus.

“As an expert in infectious diseases and preventive medicine, it’s my job to make sure we make good decisions about public health in our communities so that we can all live healthy lives. If you want to become a doctor or any other healthcare professional who helps others stay healthy, I’d encourage you to participate in the Tennessee STEAM Festival and learn how really fun science can be!” — Dr. William Schaffner

Dr. Schaffner will be part of a virtual panel discussing COVID and vaccines. Check tnsteam.org for details!

For up to date information, visit tnsteam.org
FRIDAY, OCTOBER 9

10:00 AM Pop Up Craft Fair & Crafters on the Mezzanine
HOST: Pink Palace Museum, Memphis
COST: Free

The Museum and Memphis Modern Market are bringing crafts fairs to you this fall. The Crafts Fair Pop Up Shop features 30 plus artists, craftspeople and brands from Memphis and surrounding areas. From paintings and home decor to jewelry and candles, we are bringing the best of Memphis makers to you in a socially distanced pop up experience. Additional dates: October 10, 11, 16, 17, 18.

10:30 AM Community Scavenger Hunt
HOST: Virtual - Pink Palace Museum, Memphis
COST: $20 per hunt

Our Community Scavenger Hunts challenge patrons to learn more about their city by visiting important sites, solving puzzles, and meeting community partners. Teams of 1-4 compete to win this amazing race style challenge. Teams can register online at http://neighborhoodscavengerhunt.bpt.me/

10:30 AM Demo Carts and Craft Activities
HOST: Pink Palace Museum, Memphis
COST: Included with paid general admission.

Every Saturday and Sunday in October there will be demo carts and craft activities on different topics. Additional dates: October 10, 11, 17 & 18

10:30 AM Explorer Challenges
HOST: Pink Palace Museum, Memphis
COST: $10 Activity Kits; $15 Activity Kit with Materials

Explorer Challenges are small kits of activities that patrons can purchase to explore different topics at home. In October we will have our Spooky Science Explorer Challenge. We also have the following topics available: DIY Engineering, Fun with Physical Science, Sustainability, Constellations, and Backyard Nature.

11:00 AM Scarecrow Contest
HOST: Lichterman Nature Center, Memphis
COST: $30 entry fee

Each year, senior citizens, scouts, clubs, classrooms, artists and others create scores of scarecrows....life size, ecological, green, scary, funny and educational. Put your talent and imagination into creating an amazing Scarecrow for Lichterman Nature Center’s Annual Building Contest and Exhibit. Awards will be given in several categories, Contact nature.reservations@memphistn.gov for more information.
11:00 AM, 1:00 & 4:00 PM  CTI Giant Theater - Great Barrier Reef 3D
HOST: Pink Palace Museum, Memphis  
COST: $10.00 Adult; $9.00 Senior; $8 Ages 3-10. $1.00 off each price for members.

Narrated by acclaimed Australian actor Eric Bana, Great Barrier Reef captures the natural beauty and exquisite strangeness of the world’s largest living wonder and introduces us to the visionaries and citizen scientists who are helping us better understand and protect this vibrant living world. Explore this awe-inspiring natural wonderland on the world’s largest screen. Additional dates: October 10, 13-16

2:30 PM & 5:30 PM  CTI Giant Theater, Dinosaurs of Antarctica 3D
HOST: Pink Palace Museum, Memphis  
COST: $10.00 Adult; $9.00 Senior; $8 Ages 3-10. $1.00 off each price for members.

From the Permian through the Jurassic, journey to the south polar landscapes of Antarctica hundreds of millions of years ago. Enter a surreal world of bug-eyed giants and egg-laying mammals—where survival means enduring the sunless, six-month polar winter surrounded by meat-eaters with night vision. Additional dates: October 11, 13-16 & 18

MIDDLE TENNESSEE

Virtual - Anytime  Poop Scoop Heroes
HOST: YouTube - Nashville Metro Water Services  
COST: Free with registration.

How much poop can one pup poop? What happens if no one scoops? Learn all about the dog poop problem and how you can be part of the solution. Take the poop scoop challenge and be a neighborhood hero! Enter a drawing to get poop bags and a bag holder. Register online at https://poop_scoop_heroes.eventbrite.com.

Virtual - Anytime  Stormwater Scavenger Hunt
HOST: YouTube - Nashville Metro Water Services  
COST: Free with registration.

Where does the water go when it rains in your neighborhood? Take a field trip through your neighborhood and use art, math, and mapping skills to get your answer. You can enter a drawing to get free stormwater prizes! Register online at https://stormwater-scavenger-hunt.eventbrite.com

Virtual - Anytime  Microorganism Farts and Energy
HOST: YouTube - Nashville Metro Water Services  
COST: Free with registration.

Big stomachs, gas, and bad smells that turn into energy and fertilizer! Learn all about it in this virtual field trip. Get a sample of our fertilizer and experiment with plants. Davidson County residents will be entered into a drawing to get a free, 25-lb bag of Music City Gold fertilizer! Register online at https://micro-farts-and-energy.eventbrite.com
Virtual - Anytime  
**Thirsty Tree Scavenger Hunt**

**HOST:** YouTube - Nashville Metro Water Services  
**COST:** Free with registration.  

Trees are thirsty! How much rain can your trees soak up? You’ll use math, science, and art to find out. Share your results with us and we will enter you in a drawing for a prize! Register online at [https://thirst_tree_hunt.eventbrite.com](https://thirst_tree_hunt.eventbrite.com).

Virtual - Anytime  
**The Voyager Interstellar Mission and the Golden Record, presented by Billy Teets**

**HOST:** YouTube - Frist Art Museum, Nashville  
**COST:** Free

Watch Billy Teets, astronomer and acting director, Dyer Observatory of Vanderbilt University, discuss the Golden Record and the Voyager 1 and 2 projects that inspired Jitish Kallat’s “Covering Letter (terranum nuncius).” Kallat’s installation at the Frist Art Museum commemorates and reinvokes select sounds and images that were composed for expedition into interstellar space as a planetary message to extraterrestrial life.

7:00 AM - Noon  
**Rutherford County Fall Market & Arts Festival**

**HOST:** Rutherford County Farmers’ Market, Murfreesboro  
**COST:** Free

Shop for fresh produce, local honey, jams & jellies, meats, baked goods, plants, flowers & more at the only 100% producer only market in Rutherford County. Discover the perfect handmade treasure from local artisans with sewn items, decor, jewelry, crafted yarn, art, baskets, wood working, leather-work, & blacksmith items. Different vendors daily.  
*Additional dates: October 13 & 16*

8:00 AM  
**Ready2Work Employer Expo**

**HOST:** YouTube - Rutherford Works/Chamber of Commerce, Murfreesboro  
**COST:** Free

Learn more about STEM employers in Rutherford County who are currently hiring. Visit Rutherford Works on YouTube.com.

10:00 AM  
**Art Exhibition: “Jitish Kallat: Return to Sender”**

**HOST:** Frist Art Museum, Nashville  
**COST:** Adult ($15); 18 and under (free)

*Additional dates: October 10-12*
1:00 PM  What’s That Tree?

**HOST:** Middle Tennessee State University, Murfreesboro; Also available virtually  
**COST:** Free

Hey, what’s that tree? Tour MTSU’s arboretum virtually or on the ground at your own leisure. MTSU has more than 100 species of trees and shrubs on the 500-acre campus. Three different trails will lead you to 30+ species of mostly native Tennessee trees. Use the web link to view virtually or walk the campus. Copies of the tree guide are in the MTSU Science Building Atrium or Cope Administration Building.

1:00 PM  Crafting - Festive Fall Wreath and Garland

**HOST:** Virtual - FiftyForward, Donelson  
**COST:** Free

Want to bring a little of that fall feeling into your home? Join Beth Curtis as she teaches you how to make a festive fall wreath and garland. To make these crafts, you will need: a wire hanger, cardstock paper, markers or paint, hot glue gun, tape, scissors, string or ribbon, and white tissue paper. www.facebook.com/FiftyForwardDonelsonStation/

7:00 PM  STEAmed Milk: A Night of Music & Spoken Word

**HOST:** Outdoor - Carpe Cafe, Smyrna  
**COST:** Free

Join us for a special event featuring live music and spoken word, socially-distanced on our Carpe Cafe Front Patio Stage! Visit the Facebook event for more details: www.facebook.com/pg/CarpeCafeTN/events/

*EAST TENNESSEE*

9:00 AM  3rd Annual Civil War STEAM

**HOST:** Virtual - The Abraham Lincoln Library & Museum, Harrogate  
**COST:** Free with registration.

The award-winning Civil War STEAM for 2nd-6th grade students is online! Students learn about the connections between the study of science, technology, engineering, arts, and mathematics through the lens of the Civil War. Includes lesson plans and videos of the event as well as a Civil War STEAM in a Box, a kit that contains materials and instructions for the hands-on-activities. Email natalie.sweet@lmunet.edu to sign up.

10:00 AM  Make It. Take It. Family Challenge Kits

**HOST:** Hands On! Discovery Center, Gray  
**COST:** Included with paid general admission.

Enjoy a hands-on family challenge inspired by our maker space. We supply the materials and prompts. You supply the creativity and teamwork. Visit the front desk upon departure to receive your kit. Included with paid general admission. One kit per family per visit. Activities, materials, and prompts vary. While supplies last.
FRIDAY, OCTOBER 9

10:00 AM  Miocene Masterpiece
HOST: Hands On! Discovery Center, Gray
COST: Included with paid general admission.
Visit our Miocene Exhibit Hall to create a paleontology themed masterpiece based on the findings from our very own Gray Fossil Site. While supplies last.

10:00 AM  STEAM Art Studio Programs
HOST: Hands On! Discovery Center, Gray
COST: Included with paid general admission.
Enjoy STEAM inspired Art Studio activities such as Leonardo da Vinci inspired invention sketches, crayon-resist watercolors, optical illusion drawings, DIY tessellations, plate rubbings, and more. Activities vary each day and are self-guided with instructions provided.

10:00 AM  STEAM Discovery Cart
HOST: Hands On! Discovery Center, Gray
COST: Free with paid general admission
Enjoy a variety of STEAM based hands-on activities on our Discovery Cart. Activities vary each day including Cubelets robot blocks, K’nex, Legos, reverse engineering, micro-fossil picking, and more. Check in with the front desk upon arrival for more details.

All Day  Tennessee Craft Week
HOST: Virtual - Various Platforms, Statewide
COST: FREE
Tennessee Craft Week is a collection of craft events and happenings across the state each October. The purpose is to connect and celebrate craft artists, the work they create and the businesses that support them. By focusing attention on many craft events in a short time, we shine a spotlight on the collective impact that Made in Tennessee craft has on our culture, community, and economy. Visit www.tennesseecraft.org for event listings.
WEST TENNESSEE

9:00 AM Guided Nature Walks

HOST: Lichterman Nature Center, Memphis
COST: Adults $10.00; Youth $8.00; Members receive $1 off per ticket.

Come meet your wilder neighbors on a guided tour around the lake and through the forest. Walks conclude with a live animal ambassador visit. Rain or shine. Maximum of 10 participants. Face covering or mask required. Additional dates: October 14 & 17

10:00 AM Pop Up Craft Fair & Crafters on the Mezzanine

HOST: Pink Palace Museum, Memphis
COST: Free

See October 9 listing for details.

10:30 AM Demo Carts and Craft Activities

HOST: Pink Palace Museum, Memphis
COST: Included with paid general admission.

See October 9 listing for details.

11:00 AM & 2:30 PM Two Pieces of Glass

HOST: Pink Palace Planetarium, Memphis
COST: $8.00 Adult; $7.00 Senior; $6.00 Youth; Under 3 Free

See October 9 listing for details.

11:00 AM, 1:00 PM & 4:00 PM CTI Giant Theater - Great Barrier Reef 3D

HOST: Pink Palace Museum, Memphis
COST: $10.00 Adult; $9.00 Senior; $8 Ages 3-10. $1.00 off each price for members.

See October 9 listing for details.

2:00 PM Family Pumpkin Planting Party

HOST: Memphis Botanic Garden, Memphis
COST: $15.00 Per Person/Members; $20 Per Person/Non Members

Pick a pumpkin and use fall flowers to create a planter. Registration Required. Visit www.memphisbotanicgarden.com to register.

For up to date information, visit tnsteam.org
4:00 PM  
**CTI Giant Theater: Harry Potter**

HOST: Pink Palace Museum, Memphis  
COST: $10.00 Adult; $9.00 Senior; $8.00 Ages 3-10. $1.00 off each price for members  
Showing of Harry Potter and the Half-Blood Prince. **Additional dates: October 11, 17 & 18**

**MIDDLE TENNESSEE**

9:30 AM  
**Fall Color Hikes**

HOST: Outdoor - Owl’s Hill Nature Sanctuary, Brentwood  
COST: $12 per person  
Fall is upon us! Led by veteran trail guides, Denis Lovell and Richard Hitt, you’ll follow the progression of fall at Owl’s Hill. This series of guided walks is just for more mature learners. Walks begin promptly at 9:30; reservations required. Cameras and binoculars welcome. **Additional dates: October 7**

10:00 AM  
**Virtual STEAM Program**

HOST: Virtual - Rutherford County Library System, Murfreesboro  
COST: Free  
Visit www.rclstn.org for details.

10:00 AM - Noon  
**Hispanic Heritage Days**

and 2:00 PM - 4:00 PM  
HOST: Discovery Center, Murfreesboro  
COST: Free  
Kick off the TN STEAM Festival by exploring the traditions of Hispanic culture at the Discovery Center! Engage in hands-on activities celebrating Hispanic scientists and receive give-a-ways courtesy of PBS’s SciGirls La Ciencia. The event is free and sponsored by The Nissan Foundation. Register in advance at www.exploretedc.org.

2:00 PM  
**Nature Writing Workshop**

HOST: Virtual - Cumberland River Compact, Nashville  
COST: Free  
Join the Cumberland River Compact and The Porch for a 1-hour workshop on nature writing for 6th-12th grade students. You’ll discover the forms that nature writing can take, hone your observation skills, think creatively, and share your writing with other students.

**EAST TENNESSEE**

11:30 AM & 3:30 PM  
**Brilliant Bernoulli**

HOST: Creative Discovery Museum, Chattanooga  
COST: Included with paid general admission.

Join us Oct. 10, 11, and 12 for our science demonstration, Brilliant Bernoulli. Presented each day in the Museum auditorium at 11:30 and 3:30. Reservations for Museum admission are required; Health screening and masks required. **Additional dates: October 11 & 12.**
WEST TENNESSEE

10:00 AM  
**Pop Up Craft Fair & Crafters on the Mezzanine**

HOST: Pink Palace Museum, Memphis  
COST: Free  
*See October 9 listing for details.*

10:00 AM  
**Earth Science Week**

HOST: Discovery Park of America, Union City  
COST: Included with paid general admission.

Discovery Park of America will host a week-long series of programs pertaining to geology, geography, and atmospheric sciences to recognize Earth Science Week, as set forth by the American Geological institute. *Additional dates: October 12 - 17*

10:30 AM  
**Demo Carts and Craft Activities**

HOST: Pink Palace Museum, Memphis  
COST: Included with paid general admission.  
*See October 9 listing for details.*

11:00 AM & 2:30 PM  
**Two Pieces of Glass**

HOST: Pink Palace Planetarium, Memphis  
COST: $8.00 Adult; $7.00 Senior; $6.00 Youth; Under 3 Free  
*See October 9 listing for details.*

2:30 PM & 5:30 PM  
**CTI Giant Theater - Dinosaurs of Antarctica 3D**

HOST: Pink Palace Museum, Memphis  
COST: $10.00 Adult; $9.00 Senior; $8 Ages 3-10. $1.00 off each price for members.  
*See October 9 listing for details.*

4:00 PM  
**CTI Giant Theater: Harry Potter**

HOST: Pink Palace Museum, Memphis  
COST: $10.00 Adult; $9.00 Senior; $8.00 Ages 3-10. $1.00 off each price for members  
*See October 10 listing for additional details.*

MIDDLE TENNESSEE

10:00 AM  
**Fall Into Science**

HOST: Adventure Science Center, Nashville  
COST: Included with paid general admission.

Fall Into Science with three days of outdoor science fun, designed to celebrate fall, spooky science, and 75 years of ASC! From exploding pumpkins to bubbling cauldrons and eerie sound effects, you can take part in hands-on activities and see exciting live science demonstrations all at a safe distance! *Additional dates: October 17*
10:00 AM - Noon and 2:00 PM - 4:00 PM  Hispanic Heritage Days

HOST: Discovery Center, Murfreesboro
COST: Free

See October 10 listing for additional details.

1:00 PM  LET’S GO FLY A KITE: Easy Kite Making & Stories

HOST: Virtual - Chinese Arts Alliance of Nashville
COST: Free

LET’S GO FLY A KITE, Easy kite making and stories. Autumn time, kite flying time! First, get your materials ready, and let’s make a kite. Find an open space, let’s fly the kite and enjoy stories about kites! Visit www.chineseartsalliance.org for registration.

2:00 PM  Square Peg, Round Hole: A Creative Experience

HOST: Virtual - The Bloom Stage, Murfreesboro
COST: Workshop fee: $25; Streamed performance is free with donations accepted.

Explore the theme of “square peg, round hole,” generating new work that culminates in a live streamed virtual show. Develop your storytelling, poetry, spoken word, song lyrics, or art under the mentorship of local creatives. Workshop includes three interactive Zoom sessions; ages 13-103. Free performance to be streamed on Facebook.

2:00 PM  Veggies & Fruits/Verduras y Frutas

HOST: Virtual - GrowingGreat at Discovery Center, Murfreesboro
COST: Free; sponsored by Del Monte Foods

GrowingGreat Veggies & Fruits/Verduras y Frutas is a collection of hands-On STEM, nutrition and garden activities using foods found in your own kitchen. And you can eat your experiments! Taught in Spanish and English.

EAST TENNESSEE
11:30 AM & 3:30  Brilliant Bernoulli

HOST: Creative Discovery Museum, Chattanooga
COST: $15.95 adults and children over 2

See October 10 listing for additional details.
WEST TENNESSEE
10:00 AM Earth Science Week
HOST: Discovery Park of America, Union City
COST: Included with paid general admission.
Discovery Park of America will host a week-long series of programs pertaining to geology, geography, and atmospheric sciences to recognize Earth Science Week, as set forth by the American Geological institute. Additional dates: October 12 - 17

11:00 AM & 2:30 PM Two Pieces of Glass
HOST: Pink Palace Planetarium, Memphis
COST: $8.00 Adult; $7.00 Senior; $6.00 Youth; Under 3 Free
See October 9 listing for details.

MIDDLE TENNESSEE
9:00 AM Scavenger Hunt for all ages
HOST: Virtual - Tennessee STEM Education Center at MTSU, Murfreesboro
COST: Free
STEM is all around us! Register for one of four age ranges (or all of them if you have children/students in different groups) for STEM themed scavenger hunts they can do right at home. We have guides for PreK-2nd, 3rd-5th, 6th-8th, & High School. Take pictures and share your results with us to be entered into a drawing for a prize!

EAST TENNESSEE
11:30 AM & 3:30 PM Brilliant Bernoulli
HOST: Creative Discovery Museum, Chattanooga
COST: $15.95 adults and children over 2
Join us Oct. 10, 11, and 12 for our science demonstration, Brilliant Bernoulli. Presented each day in the Museum auditorium at 11:30 and 3:30. Free with paid admission. Reservations for Museum admission are required; Museum hours are 10 a.m. to 1 p.m. and 2 p.m. to 5 p.m.; Health screening and masks required. Additional dates: October 10 & 11.
WEST TENNESSEE

10:00 AM  
**Earth Science Week**  
**HOST:** Discovery Park of America, Union City  
**COST:** Included with paid general admission.  
*See October 11 listing for details.*

11:00 AM & 2:30 PM  
**Two Pieces of Glass**  
**HOST:** Pink Palace Planetarium, Memphis  
**COST:** $8.00 Adult; $7.00 Senior; $6.00 Youth; Under 3 Free  
*See October 9 listing for details.*

11:00 AM, 1:00 PM & 4:00 PM  
**CTI Giant Theater - Great Barrier Reef 3D**  
**HOST:** Pink Palace Museum, Memphis  
**COST:** $10.00 Adult; $9.00 Senior; $8 Ages 3-10. $1.00 off each price for members.  
*See October 9 listing for details.*

2:30 PM & 5:30 PM  
**CTI Giant Theater - Dinosaurs of Antarctica 3D**  
**HOST:** Pink Palace Museum, Memphis  
**COST:** $10.00 Adult; $9.00 Senior; $8 Ages 3-10. $1.00 off each price for members.  
*See October 9 listing for details.*

MIDDLE TENNESSEE

10:00 AM  
**Steam Walks & Classroom Peeks Across MCS**  
**HOST:** Murfreesboro City Schools  
**COST:** Free  
Virtual showcase of the ways in which students across grades and schools in Murfreesboro City Schools have been immersed in STEAM. October 13-16; Times vary – check www.tnsteam.org for specific schools. *Additional dates: October 14-16*

2:00 PM  
**From Nothing to Something: The Innovation of Music**  
**HOST:** Facebook - National Museum of African American Music, Nashville  
**COST:** Free  
Join the National Museum of African American Music on October 13th and 15th on our Facebook for a virtual showcase of our From Nothing to Something (FN2S) program. FN2S explores the transformative, inspirational influence of music history and techniques used by African Americans to turn common, household items into musical instruments. *Additional dates: October 15*
For up to date information, visit tnsteam.org

1:00 PM  Mythbusting: Creativity Edition
HOST: Middle Tennessee State University/Rutherford Arts Alliance, Murfreesboro
COST: Free
Creativity is surrounded by many long-standing myths. Some think only certain types of people can be creative. False. Creativity is for all of us. Some think that creative breakthroughs happen in flashes of sudden genius. False. Creativity takes time and tinkering. Please join us to learn the truth about creativity.

5:00 PM  STEAM Night: Seize the Arts with Sight & Sound
HOST: Facebook - Carpe Artista Arts Academy, Smyrna
COST: Free
Join us to help celebrate Tennessee’s STEAM Week with an evening of hands on visual art and music at the Carpe Artista Arts Academy. We want to emphasize the importance of the arts in education and community. More details available at: www.facebook.com/CarpeArtistaArtsAcademy

7:00 PM  Count Drahoon’s Feature of Fright
HOST: Facebook - Rutherford Arts Alliance, Murfreesboro
COST: Free
Get ready for an evening of fun, fright and phenomena! Taylor Gentry will host a performance of his radio theatre podcast “Count Drahoon’s Feature of Fright: Count Drahoon’s Stoic and Creepy Lab Inspection.” Taylor will also give a brief talk on how his troupe has adapted to the times of Covid-19.

EAST TENNESSEE
1:30 PM  Facebook Live STEAM Program
HOST: Facebook - Hands On! Discovery Center, Gray
COST: Free
Join us on Facebook Live (https://www.facebook.com/visithandson) at 1:30 pm EDT for exciting STEAM programs and activities you can do at home! Previous videos will remain available on our Facebook page and are posted to our YouTube channel.

7:00 PM  Aspirations in Computing: Why to Apply & How
HOST: Virtual - AiC Tennessee Middle & East Affiliate
COST: Free
The Award for Aspirations in Computing honors 9th-12th grade young women for their computing-related achievements and interests, and encourages them to pursue their passions. In this virtual, hands-on workshop you will learn who should apply, discover the benefits of applying, and receive guidance on the application process.

WEST TENNESSEE

For up to date information, visit tnsteam.org
9:00 AM  
**Guided Nature Walks**

**HOST:** Lichterman Nature Center, Memphis  
**COST:** Adults $10.00; Youth $8.00; Members receive $1 off per ticket.  
*See October 10 listing for additional details.*

10:00 AM  
**Earth Science Week**

**HOST:** Discovery Park of America, Union City  
**COST:** Included with paid general admission.  
*See October 11 listing for additional details.*

11:00 AM & 2:30 PM  
**Two Pieces of Glass**

**HOST:** Pink Palace Planetarium, Memphis  
**COST:** $8.00 Adult; $7.00 Senior; $6.00 Youth; Under 3 Free  
*See October 9 listing for details.*

11:00 AM, 1:00 PM & 4:00 PM  
**CTI Giant Theater - Great Barrier Reef 3D**

**HOST:** Pink Palace Museum, Memphis  
**COST:** $10.00 Adult; $9.00 Senior; $8 Ages 3-10. $1.00 off each price for members.  
*See October 9 listing for details.*

2:30 PM & 5:30 PM  
**CTI Giant Theater - Dinosaurs of Antarctica 3D**

**HOST:** Pink Palace Museum, Memphis  
**COST:** $10.00 Adult; $9.00 Senior; $8 Ages 3-10. $1.00 off each price for members.  
*See October 9 listing for details.*

4:00 PM  
**Binary Bracelets**

**HOST:** Virtual - Bartlett Public Library  
**COST:** Free  
Join us in learning a little about binary and how to write your initials in bracelet form! Pick up supplies at the Bartlett Library starting October 12th.

**MIDDLE TENNESSEE**

10:00 AM  
**Steam Walks & Classroom Peeks Across MCS**

**HOST:** Murfreesboro City Schools  
**COST:** Free  
Virtual showcase of the ways in which students across grades and schools in Murfreesboro City Schools have been immersed in STEAM. October 13-16; Times vary – check www.tnsteam.org for specific schools.  
*Additional dates: October 14-16*

1:00 PM  
**Exploring our Solar System:**
Black Holes and More

**HOST:** YouTube - FiftyForward, Nashville  
**COST:** Free

Join presenter Duncan Davis as he leads a fun and educational program about “Space Zombies,” the corpses that stars leave behind when they die, including black holes. Event will be streamed on www.youtube.com/user/FiftyForwardTN.

**3:00 PM**  
**Bridges, Roads, Buildings & Pumpkins**

**HOST:** MTSU School of Concrete and Construction, Murfreesboro  
**COST:** Free

Bridges, Roads and Buildings continue to be constructed and repaired in Tennessee at a record pace. Today’s materials being used are stronger, more durable and more cost effective so that our state does not have to keep repairing our existing infrastructure before their useful design life. Come find out about the new technology and materials being used in today’s construction and make a concrete pumpkin for your Halloween décor. Session will also be available virtually.

**3:00 PM**  
**Maker Activity**

**HOST:** Virtual - Studio NPL (Nashville Public Library)  
**COST:** Free

Visit www.library.nashville.org/events/studio-npl for details.

**EAST TENNESSEE**

**11:00 AM**  
**Middle School Virtual Science Experiment**

**HOST:** YouTube - Girls Inc. of Tennessee Valley, Oak Ridge  
**COST:** Free

Girls Inc. of Tennessee Valley is on a mission to inspire all girls to be strong, smart, and bold. During this online video lesson, girls will demonstrate how to set up and conduct their own science experiment using common household supplies. This video will be uploaded to the Girls Inc. TN Valley YouTube channel where you can watch for free!
WEST TENNESSEE

10:00 AM  Earth Science Week
HOST: Discovery Park of America, Union City
COST: Included with paid general admission.
See October 11 listing for additional details.

11:00 AM & 2:30 PM  Two Pieces of Glass
HOST: Pink Palace Planetarium, Memphis
COST: $8.00 Adult; $7.00 Senior; $6.00 Youth; Under 3 Free
See October 9 listing for details.

11:00 AM, 1:00 PM & 4:00 PM  CTI Giant Theater - Great Barrier Reef 3D
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2:30 PM & 5:30 PM  CTI Giant Theater - Dinosaurs of Antarctica 3D
HOST: Pink Palace Museum, Memphis
COST: $10.00 Adult; $9.00 Senior; $8 Ages 3-10. $1.00 off each price for members.
See October 9 listing for details.

MIDDLE TENNESSEE

10:00 AM  Steam Walks & Classroom Peeks Across MCS
HOST: Murfreesboro City Schools
COST: Free
See October 13 listing for details.

11:00 AM  The Dirt on Composting Webinar
HOST: Virtual - Metro Nashville Public Works
COST: Free
Backyard composting is an easy way to reduce food waste and improve garden soil to help plants grow. In this virtual workshop, learn about what compost is, why composting is good for the environment and your garden, and how to start composting at home. Participants from Davidson County have a chance to win an Earth Machine compost bin.

12:00 PM  From Nothing to Something: The Innovation of Music
HOST: Facebook - National Museum of African American Music, Nashville
COST: Free
See October 13 listing for additional details.
WEST TENNESSEE

ALL DAY

Pelican Festival

HOST: Reelfoot State Park, Tiptonville
COST: Adults $10.00; Youth $8.00; Members receive $1 off per ticket.
9:00 AM & 4:00 PM Pontoon Tour
7:30 PM Campfire, Owls and Night Hike

10:00 AM

Pop Up Craft Fair & Crafters on the Mezzanine

HOST: Pink Palace Museum, Memphis
COST: Free
See October 9 listing for details.

10:00 AM

Earth Science Week

HOST: Discovery Park of America, Union City
COST: Included with paid general admission.
See October 11 listing for additional details.

10:00 AM

Family Learning at the Garden: Apple of My Eye

HOST: Outdoor - Memphis Botanic Garden
COST: $8.00/Members; $10.00/Non Members; Registration Required
Discover what happens in the garden in the fall. Why are leaves changing colors? What is so awesome about apples? These questions will be answered in these classes.

11:00 AM & 2:30 PM

Two Pieces of Glass

HOST: Pink Palace Planetarium, Memphis
COST: $8.00 Adult; $7.00 Senior; $6.00 Youth; Under 3 Free
See October 9 listing for details.

11:00 AM, 1:00 PM & 4:00 PM

CTI Giant Theater - Great Barrier Reef 3D

HOST: Pink Palace Museum, Memphis
COST: $10.00 Adult; $9.00 Senior; $8 Ages 3-10. $1.00 off each price for members.
See October 9 listing for details.

2:30 PM & 5:30 PM

CTI Giant Theater - Dinosaurs of Antarctica 3D

HOST: Pink Palace Museum, Memphis
COST: $10.00 Adult; $9.00 Senior; $8 Ages 3-10. $1.00 off each price for members.
See October 9 listing for details.
FRIDAY, OCTOBER 16

**MIDDLE TENNESSEE**

8:00 AM  Coding your ART - Private Event

HOST: Rocky Fork Middle School, Smyrna
COST: Free

Our students will have a STEAM speaker during the day on October 16.

10:00 AM  Steam Walks & Classroom Peeks Across MCS

HOST: Murfreesboro City Schools
COST: Free

See October 13 listing for details.

1:00 PM  Watercolor Art Class with Kim Lane

HOST: Virtual - FiftyForward, Nashville
COST: Free

Join fine artist and art educator Kim Lane through Facebook Live for a watercolor project painting flowers picked from her own back yard. Materials required: basic watercolor set, watercolor paper, paper towel, brushes, flowers, and water.

6:00 PM  STEAM @ Home

HOST: Virtual - MTSU’s MTeach, Murfreesboro
COST: Free

Parents and children combine science, math, and the art in fun, interactive, at-home activities. MTSU’s teacher education students will provide participants with a list of materials to gather prior to the event to be able to participate in real time.

BE BRILLIANT!

THE TENNESSEE STEAM FESTIVAL IS A CELEBRATION OF

SCIENCE • TECHNOLOGY • ENGINEERING • ART • MATH

For up to date information, visit tnsteam.org
WEST TENNESSEE

All Day  Pelican Festival

HOST: Reelfoot State Park, Tiptonville
COST: Adults $10.00; Youth $8.00; Members receive $1 off per ticket.

6:30 AM Sunrise Photography
9:00 AM, 1:00 PM-Pelican Pontoon Tour
10:00 AM- Pelican and Duck Decoy Painting
2PM, 7 PM- Birds of Prey Talk
4 PM- Pelican Sunset Canoe Float

9:00 AM  Guided Nature Walks

HOST: Lichterman Nature Center, Memphis
COST: Adults $10.00; Youth $8.00; Members receive $1 off per ticket.
See October 10 listing for details.

10:00 AM  Pop Up Craft Fair & Crafters on the Mezzanine

HOST: Pink Palace Museum, Memphis
COST: Free
See October 9 listing for details.

10:00 AM  International Archaeology Day

HOST: Virtual - C.H. Nash Museum, Memphis
COST: Free
This year we’re taking International Archaeology Day online! Tune in to our Facebook page on October 17. We’ll be posting videos each hour from 10 a.m. to 3 p.m. about the archaeology of the Chucalissa site and Native American gardening, art, sports, & more!

10:00 AM  Earth Science Week

HOST: Discovery Park of America, Union City
COST: Included with paid general admission.
See October 11 listing for additional details.

10:30 AM  Demo Carts and Craft Activities

HOST: Pink Palace Museum, Memphis
COST: Included with paid general admission.
See October 9 listing for details.
11:00 AM & 2:30 PM  Two Pieces of Glass

HOST: Pink Palace Planetarium, Memphis
COST: $8.00 Adult; $7.00 Senior; $6.00 Youth; Under 3 Free
See October 9 listing for details.

1:00 PM  Book Preservation Workshop

HOST: Pink Palace Museum, Memphis
COST: $75.00 for participants preserving a book and will receive a book preservation kit; $50 for participants registering after October 4th (Will not receive book kit)
Come learn from our conservator about preserving books in your home, what causes damage and how to protect them for decades to come! Participants are invited to bring a book or family bible they would like to preserve. You will receive a book preservation kit and guidance from our staff. Register by October 4th at www.memphismuseums.org to receive a kit.

4:00 PM  CTI Giant Theater: Harry Potter

HOST: Pink Palace Museum, Memphis
COST: $10.00 Adult; $9.00 Senior; $8.00 Ages 3-10. $1.00 off each price for members
Showing of Harry Potter and the Half-Blood Prince. Additional dates: October 10, 11, & 18

MIDDLE TENNESSEE

9:00 AM - Noon  International Archaeology Day

HOST: The Parthenon, Nashville
COST: Included with paid general admission. Mention TN STEAM Festival for $1.00 off each ticket. Free for Archaeological Institute of America members. Free for Centennial Park Conservancy members.
The Parthenon will celebrate International Archaeology Day with a variety of family-friendly activities to learn about archaeology and ancient Greek culture from real archaeologists. Families complete archaeologist stations to earn an “Official Archaeologist of the Nashville Parthenon” badge.

9:30 AM  Fall Color Hikes

HOST: Outdoor - Owl's Hill Nature Sanctuary, Brentwood
COST: $12 per person
See October 10 listing for details.
10:00 AM Fall Into Science

HOST: Adventure Science Center, Nashville
COST: Included with paid general admission.
See October 11 listing for details.

10:00 AM Technically, It’s Spanish Immersion

HOST: Virtual - Braingineers, Mt. Juliet
COST: Free
Braingineers Lab will showcase immersive Spanish experiences using MakeyMakey, Scratch, Scrappy Circuits and Art. Pre-registered guests move through an interactive, in-person display featuring lights, color, circuits, coding and custom recordings to learn about circuits and coding and Spanish language. Kits available for at-home/virtual participation. Suitable for ages 6 & up. Event will be streamed on YouTube.

10:00 AM - 2:00 PM Saturday Kite Flights

HOST: Outdoor - Friends of Mill Ridge Park, Antioch
COST: Free
Join us at Mill Ridge Park for kite-flying every Saturday in October, from 10am-2pm. On October 17, in partnership with the TN STEAM Festival, we will offer special educational programming to uncover the science, art, and history of kites.

10:00 AM STEM TALK

HOST: Virtual - The Harpeth Hall School, Nashville
COST: Free

10:30 AM Ferdinand the Bull - Storytime

HOST: Virtual - Nashville Ballet
COST: Free
*Ferdinand the Bull* by Munro Leaf is the story of a peaceful bull who only wants to smell the flowers, making him unfit for bullfighting in Spain. Join us as we jump and butt our heads or simply sit and smell the flowers as this classic story reminds us the importance of being ourselves.

10:30 AM Introduction to GarageBand

HOST: Virtual - Country Music Hall of Fame and Museum, Nashville
COST: Free
Join musician and educator Adam Ollendorff to learn basics of GarageBand music production software, including how to create a drum loop, add instrument sounds, and record voices. Recommended for ages 7 and up, but all are welcome. Guardian must be present for children under 13. Register at www.countrymusichalloffame.org/family.
1:00 PM  
**Girls in STEM**

**HOST:** Virtual - Tennessee Girls Collaborative, Statewide  
**COST:** Free

Girls & STEM: Join this virtual program highlighting the exciting and engaging ways girls and young women engage in STEM hobbies and interests in their day-to-day lives. Girls from Tennessee and from NGCP’s national girl advisory board will share stories, experiences & advice.

3:30 PM  
**Rosie Revere, Engineer Story Time and Art**

**HOST:** Virtual - Tennessee State Museum, Nashville  
**COST:** Free

Hear the story of Rosie Revere, an inventor whose Great-Great-Aunt Rose helps her see that it’s ok to fail sometimes. For art today we are going to be like Rosie! Look around your house and gather whatever supplies you have, or even re-use stuff from your recycle bin. Once you have your materials gathered, it’s time to create! Maybe you can create something that represents Tennessee? Have fun and be creative!

6:00 PM  
**72 STEPS**

**HOST:** Virtual - Nashville Ballet  
**COST:** $10.00 per person

Commissioned by the League of Women Voters of Nashville and their Perfect 36 Supporters, Gina Patterson’s 72 Steps takes an empowering and celebratory look at the ratification of the 19th Amendment and the vital role Tennessee played in it. Patterson’s work transports classrooms and audiences to the early 1900s as camps in favor and opposition of suffrage frantically battle for support in the days leading up to the Tennessee legislature’s history making vote.
WEST TENNESSEE

10:00 AM  Pop Up Craft Fair & Crafters on the Mezzanine

HOST: Pink Palace Museum, Memphis  
COST: Free

See October 9 listing for details.

10:30 AM  Demo Carts and Craft Activities

HOST: Pink Palace Museum, Memphis  
COST: Included with paid general admission.  
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11:00 AM & 2:30 PM  Two Pieces of Glass

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HOST: Pink Palace Museum, Memphis  
COST: $10.00 Adult; $9.00 Senior; $8 Ages 3-10. $1.00 off each price for members.  
See October 9 listing for details.

MIDDLE TENNESSEE

12:00 PM  The Look of Things Unseen; a Trans-Atlantic Visual Discussion About Submicroscopic Killers with Martin Kemp

HOST: Virtual - Nashville Section of the American Chemical Society  
COST: Free

Of the host of 20th-century examples disclosed by electron microscopy and X-ray diffraction, the geometrical structures of viruses have been amongst the most ‘beautiful’. The huge proliferation of images of the COVID-19 virus raise significant questions about what the images actually show. How the data is translated into something seeable is dependent of what the user of the images wants to demonstrate, technically, aesthetically and polemically. Join Martin Kemp, Emeritus Research Professor in the History of Art at Oxford University and a world authority on imagery in art and science, as he discusses the significance and look of things seen and unseen.