

All workshops are held at the Museum of Discovery, 500 President Clinton Ave. Ste. 150, Little Rock unless otherwise noted

Narrative Tinkering | February 14 | 9 AM – 3:30 PM

What stories can you create with unconventional materials and tools? Begin your narrative with tech and toy dissections while you discover what makes your electronics move, make noise, and light up. Then devise a story by rebuilding a new character out of your deconstructed materials.

Cost: \$150/ member; \$250/ non-members

STEMapalooza! | March 10 | 9 AM – 4 PM

Join us for a day of non-stop STEM exploration! Participants will carry out hands-on investigations of natural phenomena and highlight how they relate to physical, life, and earth science. Many of these lessons will help bring STEM alive in your institution with literacy connections and storytelling.

Cost: \$150/ member; \$250/ non-members

Indigo Dyeing | March 19 | 9 AM – 3:30 PM

For thousands of years, indigo has been used around the world for textile dyeing and printing. Learn the fundamentals of the indigo dyeing method and the chemical processes involved. We will also practice basic Shibori techniques, a Japanese process of folding, blocking, and binding the fabric to create designs and patterns.

Cost: \$150/ member; \$250/ non-members

Exploring Earth and Space | April 21 | 8:30 AM – 12:30 PM

Discover techniques and strategies to engage learners with space phenomena and reflect on science as a way of knowing that encourages them to identify as science thinkers. The workshop will focus on hands-on space and earth activities that are adaptable to different settings and different learners.

Cost: \$100/ member; \$200/ non-members

Tinkering 101 | June 5 | 8:30 AM – 3:30 PM

Experience the tinkering process as a learner with this dive into the phenomena, tools, and approaches that can help facilitators achieve their making and tinkering goals. Exploration, investigation, and making are at the heart of this tinkering approach and will empower educators to make the shift to think like a tinkerer.

Cost: \$200/ member; \$300/ non-members



Tinkering with Nature | June 12 | 8:30 AM – 12:30 PM

Bug out and release your inner artist! Begin this workshop by learning traditional four-hole, Japanese bookbinding to create your own maker journal for the day. Then make your own paintbrushes with found materials to create your own paint concoctions with natural chemicals and cochineal. This activity explores the natural world around us while blending chemistry and art with entomology.

Cost: \$150/ member; \$250/ non-members

Summer STEMpalooza! | June 19 | 8:30 AM – 3:30 PM

Join us for a day of non-stop STEM exploration! Participants will carry out hands-on investigations of natural phenomena and highlight how they relate to physical, life, and earth science. Many of these lessons will help bring STEM alive in your institution with literacy connections and storytelling.

****This STEMpalooza will contain new lessons not explored in the March workshop****

Cost: \$150/ member; \$250/ non-members

Tinkering 201 | July 1 | 8:30 AM – 3:30 PM

Take your tinkering to the next level! This session will complexify the lessons learned in Tinkering 101 and empower educators and facilitators to build their own making and tinkering activities.

Cost: \$200/ member; \$300/ non-members

Invention Literacy with Makey Makey | July 14 | 8:30 AM – 3:30 PM*

Delve into the immersive world of coding, engineering and invention literacy with the Makey Makey! Participants will explore the fun and engaging ways you can investigate conductive properties all while utilizing Scratch coding, product building and creative construction. Participants will leave with their own Makey Makey.

****Participants must bring their own laptop.***

Cost: \$150/ member; \$250/ non-members

Biological Tinkering | July 21 | 8:30 AM – 3:30 PM

Come tinker and play with the building blocks of life! Learners will discover innovative biodesign activities with real lab techniques to explore biotechnology and engineering. Get creative with biology and explore your own ability to build and make with it.

Cost: \$200/ member; \$300/ non-members

Invention Literacy with Makey Makey | August 4 | 8:30 AM – 3:30 PM*

Delve into the immersive world of coding, engineering and invention literacy with the Makey Makey! Participants will explore the fun and engaging ways you can investigate conductive properties all while utilizing Scratch coding, product building and creative construction.

Participants will leave with their own Makey Makey. ****Participants must bring their own laptop.***

Cost: \$150/ member; \$250/ non-members



Game Building | September 17 | 9 AM – 3 PM

Explore the creative and technical potential of game design. We will start with the basic types of table-top games and their attributes. Dive deeper to examine how elements flavor, mechanics, and components can work together to create a unique experience for the players. Topics and techniques covered in this workshop can be used in designing digital and table-top games.

Cost: \$150/ member; \$250/ non-members

WOW Science | October 13 | 9 AM – 2 PM

Have you ever wondered how the Museum of Discovery does such awesome science shows? Then this workshop is for you! Learn the secrets of the trade in the hands-on, exploratory session where we will use hydrogen, fire and more, oh my!

Cost: \$150/ member; \$250/ non-members

Tinkering with Nature: Part Two | November 12 | 9 AM – 3 PM

Harvest flowers and leaves to create your own unique dyes and paints in a hand-bound journal! Experiment with color variations and designs from foraged materials found in nature. This in-depth workshop shows how putting a little chemistry and inquiry with making can create powerful investigations.

Cost: \$150/ member; \$250/ non-members

Creative Circuits | December 1 | 9 AM – 3PM

Blend circuit building with creative expression in this illuminating workshop. Discover that circuits don't always have to be made of green plastic--participants will investigate how to use familiar materials in unfamiliar ways by designing a paper circuit. During the second session, learners will complexify their circuit skills by constructing an interactive, electric diorama.

Cost: \$200/ member; \$300/ non-members

Need financial assistance? Ask about our educator scholarships! Email Brittney Kugler at bkugler@museumofdiscovery.org for more information