

It's happening...

LIVE from the Stepping Stones Studio!

Get connected with new virtual STEAM-powered (science, technology, engineering, arts and math) workshops, tours and other immersive and “happening” events from **Stepping Stones** Museum for Children. The NEW Stepping Stones Studio goes live this fall with a lineup of play-filled, brain-building educational offerings for young learners that inspire and delight.

Big Adventures Workshops

Travel first class on a wacky, whimsical (and sometimes warped) time machine and encounter the most excellent adventures – past, present and future. Explore a land where dinosaurs roam or journey through the universe in time-tested transportation innovations.

Virtual Workshop Descriptions

Eco Kids Unite!

Ecosystem Engineers

Become Ecosystem Engineers and explore how to protect, and create eco-friendly solutions to local and global environmental challenges. Embark on real-world STEAM excursions to investigate renewable energy sources, conservation and pollution solutions.

Energy Lab Series

Animal Habitats

Discover a variety of different animal habitats and their functions in relation to the environment. Explore how animals create their habitats to adapt and survive. Following these visits to some of the most diverse habitats, learners will then design their own multifunctional habitat.

Contraptions and Thingamajigs

Learners will identify and experience different forms of energy; chemical, gravitational, mechanical, heat, light, motion, sound, in this collision course of a virtual workshop. We will then narrow our focus on two specific categories of energy; potential and kinetic. Following an energized interactive discussion, learners will be tasked to build their own structures that demonstrates conversion of energy in a chain reaction event.

Light as a Superpower

Learners will discover the difference between human made and natural sources of light. Through explorations and illuminating discussions we will investigate how light passes through different materials and alternative ways to bend light. They will explore shadows and light before designing their own light tool.

Playground Physics

Learners will become junior physicists as they explore Sir Issac Newton's Laws of Motion. Through energized experiments and discussions, learners will be tasked to identify and apply Newton's laws to their favorite playgrounds. The force behind these explorations will take them into designing their own physics inspired playground.

Robotics

Learners will explore how robots work, how they can improve our lives and why they are important to our future. After exploring the uses for robots in space and in deep ocean research, the learners will design their own robot.

Simple Machines

Put on your hardhats and grab your tools. Become inventors and innovators when you learn about simple machines, how they work and where you can see them in action. Take our hands on challenge where they will be designing, building and recreating some of the most iconic simple machines.

Sound Science

Learners will gain knowledge about how sound is produced and how it is created. Explore how sound waves travel and create demonstrations to see it in action. Learners will gain knowledge about how we hear sounds, how our ears work and how sound is used by animals and nature. Can you hear me now? Good!

Space Matters

Houston, do you copy? Learners will fuel up their rockets of curiosity as they investigate the final frontier. Explore the solar system we reside in and the celestial inhabiting objects that are in space such as planets and asteroids. We will problem solve the challenges and opportunities of asteroid mining and space exploration by designing and drawing their own asteroid mining machines and spacecraft.

GRADES PK – 5



Stepping Stones Museum for Children

Water Ways

It is time to get wet and wild as learners will experience and understand the water cycle. Water is essential for our survival and by learning how the water cycle flows together in a circular pattern we will know where it is going and how to find it.

Paleontology/Dinosaur Series

Supercontinent Pangaea

The Earth is puzzling, literally! The continents are constantly adrift and on a collision course to reunite, just like one big jigsaw puzzle. Explore the effects of natural disasters and severe weather on our planet with a volcano demonstration. Our young learners will become junior geologists as they create their own natural disaster safety pod.

Arthropods and Trilobites

Junior paleontologists will explore that life began underwater, and how trilobites and arthropods thrived and outlived countless species. Explore the differences between vertebrates and invertebrates and experience the time tested durability of the exoskeleton. Become creepy crawlies and learn how arthropods and bugs have been around nearly 540 million years.

Amphibians and Reptiles

The reptilian takeover has begun! Explore how life transitioned from water to land. Explore how fins became limbs, the need for bones and why water was crucial for amphibians to live. Learners will become classification experts as they categorize the different species.

Just Dinosaurs

Herbivore, carnivore and omnivore oh my! Dinosaurs have distinct physical traits that learners will explore to be able to classify different species. Explore the newest theories of dinosaur evolution and shatter the old stereotypes you think you know. Students will create their own dinosaur.

Dinosaurs Become Birds

Junior paleontologists will spread their wings of curiosity as they learn why birds evolved from dinosaurs and what traits were necessary for their survival. Conduct an investigation about the wide variety of species of birds living today and why they survived extinction. Learners will create their own wings to carry them to new heights.

Local Fossil History

A vast number of prehistoric creatures, from sea life to reptiles to mammals, called Connecticut home during the prehistoric era. Explore and classify the different fossils that have been found on our local shorelines and mountains. Learn about the Clovis people and what was unearthed in Connecticut in 2019. Learners will design Clovis inspired jewelry based on these discoveries.

Pollution Solutions

Learners will explore different forms of pollution, the causes and what they can do to combat the effects of pollution in their community. By identifying local, or global concerns, they will then design and create a pollution solution to combat one or more types of pollution.

Going Places

“X” marks the spot, we are glad you found us! Learners will discover the reasons maps are important to our communities, the various types of maps as well as the parts of the maps. Learners will navigate their way through this interactive workshop, pit stopping at the functionality of a compass and magnets, leading up to their own map making exhibition.

Lights, Cameras, Action! Stepping Stones Studio Workshop Series

Acting

The world of acting and theater is fun and exciting for all ages. Learners will explore acting exercises that will introduce them to the fundamentals of this art through demonstrations of non-verbal communication, listening skills, tongue twisters, role playing and improvisation.

Cartooning

Learners will become junior illustrators as they explore how a story is told through sequential pictures, with or without words. They will get inspiration from comic strips, comic books and animated films. Junior illustrators will create their own comic.

Comedy and Improvisation

The art of comedy will be explored through a variety of immersive theatrical exercises including character voices and improvisation. Social emotional explorations lead to activities that will help build confidence.

Costume Design

Learners will dive the historical background of costume design on their journey to become junior designers. They will explore patterns, costume creation and sources for inspiration. The junior designers practice their hand eye coordination skills when drawing designs, identifying their personal style as well as being encouraged to reuse and upcycle materials to create costume-clothing elements.

Mixing it Up

Learners will experience an inside scoop of how videos, movies and content for the Stepping Stones Studios are made. In addition to a tour of Stepping Stones Studios, learners will participate in producing customized sound effects using new and innovative technology.



Puppetry

Learners will experience the wonderful world of puppets. Students become puppeteers by practicing movements that express different emotions. They will also create their own puppet by using their imagination, creativity and communication skills. Their hard work will pay off at the end of the workshop with their very own puppet show.

Reader's Theater

Learners will investigate the anatomy of a play and the different roles that work together to tell the story. Together they will collaborate with the class to create costumes, draw sets, or make sound effects to perform their own play of the story. Through the activity, students will gain reading comprehension skills while learning about the importance of sharing and working together.

Script Writing

Students will learn the parts of a story, character development, how to write dialogue and write a scene. Students will examine scripts and breakdown the different parts to help inspire their creativity and build their writing capacity.

Songwriting

Learners will brainstorm ideas and suggestions together about the subject for a song to formulate their own lyrics! They will work through music explorations, movement, songwriting to create a final product as a group.

Stop Motion Animation

Future animators will work through the many elements of story and stop motion, pre through post production, while also picking up fundamental drawing techniques. Learners will experience the many styles of stop motion before they create their own flip books.

The Healthy Foodshed

Farm to Fork

Learners will better understand the importance of agriculture, the different kinds of farms and what they produce. Learners will understand the benefits of large and small community farms, organic vs non organic and production and transportation of healthy food from farm to their table.

Choose Your Plate

Young Foodies will learn the importance of the food we put in our bodies and the effects it can have on us. Join Lucy Somebody, Bree and other members of the *Healthyville*® Youth Advisory Team to investigate why healthy food benefits our bodies and where it comes from. Try it! Measure, Mix and Bake it! Take home a unique, healthy recipe for yourself to try!

The Innovation Station

Super Skyscrapers

Innovators will take their first steps to becoming engineers and architects as they learn about cities and their importance to our modern world. They will learn about the design cycle and aspects of a skyscraper as they become aware of challenges engineers face when designing and constructing these goliath buildings. From an idea in their head to their first blueprints, young innovators will design and build their own skyscraper.

GRADES PK – 5

Virtual Workshop Details

Capacity: Group of up to 20 children; additional children may also participate at a reduced fee.

Grades: PK – 5

Length: 30 to 50 minutes depending on the workshop selection.

Pricing: \$90 per workshop; schools receive 10% off when booking four or more.

Scope and Sequence: Each workshop is designed to fulfill state and national educational standards and may be customized to support group needs and interests.

For more information about virtual and onsite museum tours, workshops and events, please contact our team at schoolsandgroups@steppingstonesmuseum.org.



Stepping Stones Museum for Children