Fossil Detectives
Solve a 200,000,000 year old mystery by looking for clues to the past. What is a fossil and what can they tell us about dinosaurs and their habitats? Junior paleontologists will go on various expeditions to unearth fossils, piece together what they find and reconstruct stories from the past, including those close to home.


Flying Contraptions
Now boarding! Soar to new heights and take on the laws of aerodynamics to experiment with flight. Whether it’s helicopters, drones or airborne animals, the same question remains; how do they do it? Learn about some of the early inventions that got us up in the air and test out your own flying machine.


Traveling Seeds
Dig into this scintillating scientific investigation of plants! Explore the life cycle and importance of plants. Dissect a seed, identify its parts and learn how plants use a variety of strategies and adaptations for seed dispersal. Then, invent, design and test a seed case that could help spread your seeds far and wide.


Build It Big!
From houses to skyscrapers, what is the process of designing and constructing a building? Learn first-hand as we become architects, exploring design solutions to engineering challenges as we build a stable structure for a desired purpose.


CCSS: K.MD.1, K.MD.2, 1.MD.2, 2.MD.1, 2.MD.3, K.G.2, 1.G.1, 1.G.2, 2.G.1, 3.G.1, 4.MD.1, 4.MD.5, 5.MD.1, 5.G.3

Surround Sound
Have you heard? Sounds are all around us! Explore the world of sounds we can hear and those we can make. With the help of interactive experiences and demonstrations, learn how every sound we hear begins with a vibration, how it reaches our ears and the important role sound plays in communication.


Wonder Wheels
Wheels make the world go ‘round! Since it was invented over 3,500 years ago, the wheel has changed how people work, move, travel and live. From pulleys to cars, discover how wheels are found everywhere today. Through hands-on investigations and demonstrations, explore the wonder of wheels and how they can make things run so much easier.


Playground Physics
Physics is at work all around us, even on the playground! Think like a physicist and investigate the various forces at work on the slide, swing and seesaw. Play with force, motion, balance and gravity. By designing models of some playground equipment, we will gain an understanding of the physics behind everyday experiences.


Light It Up!
Light is the energy that gives us the power of sight. Explore and investigate the different characteristics of light. Which objects reflect and which produce light? How can we create a rainbow? How does light change our perception? Come see the light… in a whole new way!


Puppet Pals
Do you have a story to tell? Learn how puppets can help others believe your make-believe! Make a simple puppet and bring it to life using your voice, hands and imagination.

National Core Arts Standards: 1, 2, 3, 4, 5, 6, 10

CCSS: SL.K.1, SL.1.1, SL.2.1, SL.3.1, SL.4.1, SL.5.1

Virtual Workshop Details

Capacity: Individual groups of up to 30 children
Grades: K — 5
Length: 45 minutes
Pricing: $150 per workshop* and schools receive 10% off when booking four or more

Scope and Sequence:
Each workshop is designed to fulfill state and national educational standards

*Price includes shipped materials

For more information about museum tours, in-person and virtual workshops, please contact us: schoolsandgroups@steppingstonesmuseum.org.

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