

WORKSHOPS

GRADES PREK-8



WORKSHOPS | GRADES PREK-8

We bring the science to your classroom! Preschool and K-8 Science on Wheels Workshops consist of hands-on, grade-specific content based on Arizona State Education Standards. They are designed for a single class or similarly-sized group.

*Pricing varies and is listed under each grade level. *Discounts available for multiple sessions of the same Workshop on the same day.*



WORKSHOPS | PRESCHOOL

UP TO 25 PARTICIPANTS | 60 MINUTES | \$250 PER SESSION

1. **3-2-1 Liftoff—Stomp Rockets**

Get ready for liftoff! Design, build and test your own rockets using a specially-engineered stomp rocket launch pad.

2. **All About Arizona**

Learn about some of the things that call the desert home. Observe real desert plants, rocks, fossils and artifacts, then create a desert animal and protect it from the sun.

3. **All About Clouds**

Your head will be in the clouds as you learn how to identify different cloud formations, make your own models to take home and observe a cloud appear and disappear right before your eyes!

4. **Bounce and Roll**

Explore the scientific relationship between gravity, force and motion through various hands-on physics experiments. Engineer ramps, knock down bowling pins and make a bouncy ball to take home!

5. **Bubbleology**

Pop! Mix up your own bubble solution, create and test unique bubble wands, and observe a giant bubble from the inside!



6. Build It

What can you build? Learn about engineering, math and architecture as you complete multiple building challenges—including recreating famous structures from around the world!

7. Coding with Kibo

Meet Kibo, a robot that introduces young scientists to coding using blocks! Build and program your robot to complete a series of movements and sounds.

8. Colorful Chemistry

Join our journey of rainbow science as we mix up colorful art, color-changing chemistry experiments and make a lava lamp to take home.

9. Dino-mite!

Explore paleontology as we transform into dinosaur detectives. Piece together a paleontologist kit, excavate at a dig site, and research your findings!

10. Icy Investigations

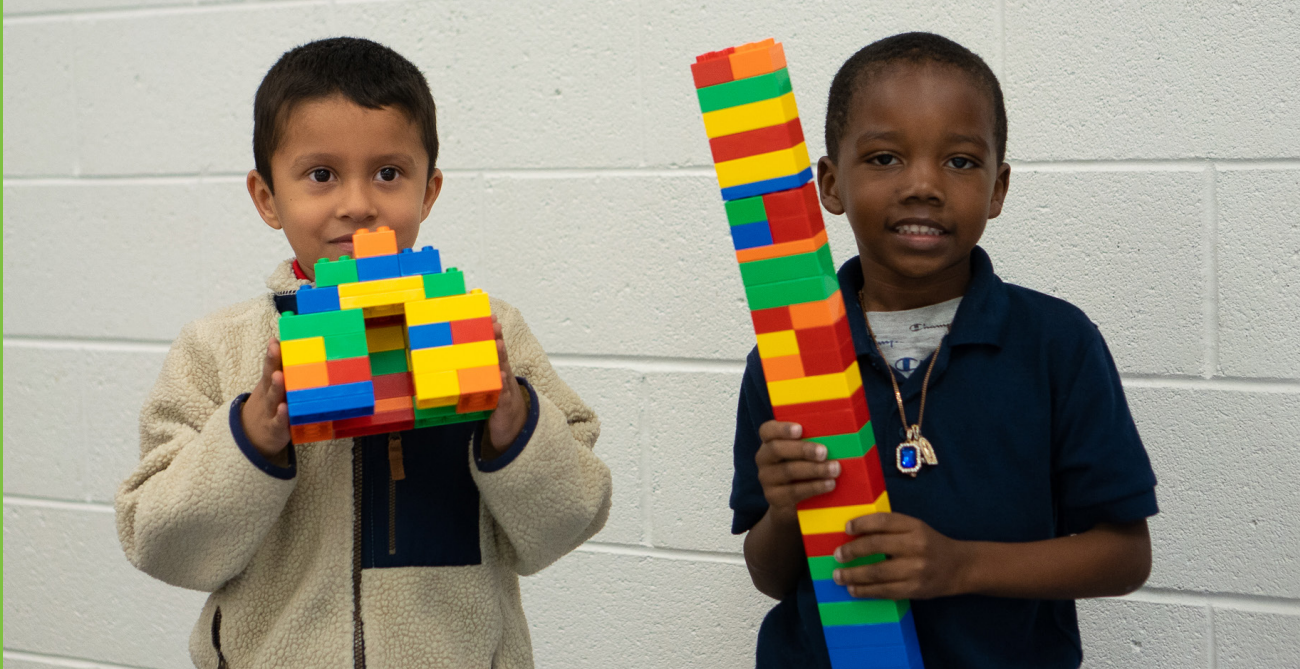
Winter is here! Plan an investigation to test how different substances react with ice and mix your own snow dough to take home!

11. Insectarium

Play a game to 'find your kind', compare and contrast different species' life cycles, and explore the characteristics that make an insect!

12. It's Slime Time!

Get messy as you investigate preschool chemistry! Practice measuring ingredients and the properties of silly, slippery slimes and invent a scientific goo to take home.



13. Junior Detectives

Who stole the cookies from the cookie jar? Learn how to analyze fingerprints and use detective tools, then use those skills to solve the cookie jar mystery!

14. Light and Shadows

Discover the characteristics of light and shadows by hunting for shadows, exploring light mixing and creating shadows with a variety of objects.

15. Scribble Bots

Use the engineering design process to brainstorm, build and decorate a Scribble Bot. What unique designs can your robot scribble?

16. Solar Science

Explore the star that provides heat, light and energy. Safely observe the sun with solar viewers and create projects that harness the power of the sun!

** Please note: this requires access to an outdoor space.*

17. Space Explorers

Explore your favorite planets and stars in space! Learn how to use a real telescope, build a constellation viewer and see the Moon up-close.

18. Whirly, Twirly, Flying Things

Design soaring helicopters and test them out in our specially-engineered wind tunnel.