

SCIENCE ON WHEELS

ARIZONA SCIENCE CENTER



SCIENCE ON WHEELS PRESCHOOL PROGRAMS

We bring the science to you! Science on Wheels engages people of all ages in Science, Technology, Engineering and Math (STEM) experiences at your site. From large-scale Assemblies and Family Nights to smaller-scale Classroom Workshops, our engaging programs are sure to spark a passion for science.

Our in-depth, hands-on programs are well-equipped for a variety of settings and consist of grade-specific content that supports Arizona College and Career Readiness Standards and Next Generation Science Standards.

**LEARN MORE AND REQUEST YOUR SCIENCE ON WHEELS
EXPERIENCE AT AZSCIENCE.ORG!**



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

We bring the science to your classroom! 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.

1. 3-2-1 Blastoff—Stomp Rockets

We're going to have a blast! 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. Bubble-ology

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

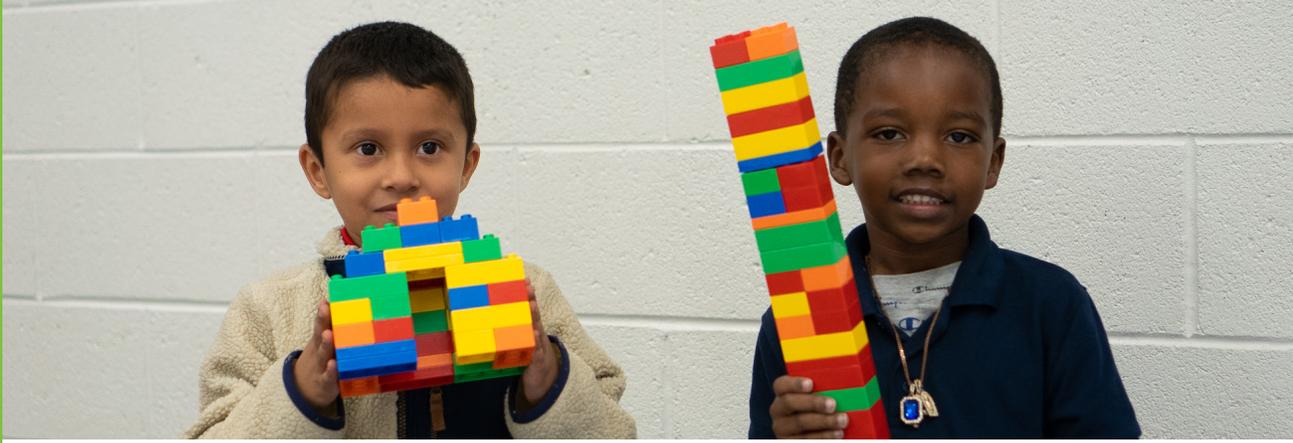
Winter is here! Plan an investigation to test how different substances react with ice and mix your own snow dough to take home!

11. Insectarium

Discover characteristics of insects as you observe live critters, “see” like a bug and build a terrarium.

12. It’s Slime Time!

Get messy as you investigate preschool chemistry! Learn about 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 light, heat and energy. Safely observe the Sun with solar telescopes and create art projects that harness its power!

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.



UNIVERSE ON WHEELS MOBILE PLANETARIUM DOME GRADES PREK-12

See the stars with Universe on Wheels! The Mobile Planetarium Dome is a state-of-the-art, inflatable, ADA-accessible portable planetarium that can seat 30-50 participants at a time, depending on ages. Shows vary in topic, length and grade level, and multiple groups can rotate throughout the day.

LARGE DOME

19' tall, 30' long, 22' wide

40-50 Participants per Show

2 Hours Minimum (~3 Shows per Hour)

\$1,000 For the First 2 Hours, \$150 Each Additional Hour

SMALL DOME

10' tall, 17' long, 17' wide

30 Participants per Show

2 Hours Minimum (~3 Shows per Hour)

\$750 For the First 2 Hours, \$100 Each Additional Hour

Note: The mobile dome requires a large indoor space, such as a gymnasium or cafeteria.



PRICING

WORKSHOPS | PRESCHOOL

- \$250 for the first session
- \$250 for each additional session

UNIVERSE ON WHEELS

- Large Dome | \$1,000 for First 2 Hours
- Small Dome | \$750 for First 2 Hours
- \$150 for Large Dome and \$100 for Small Dome for each additional hour

TRAVEL FEES

- 50-100 miles from Arizona Science Center: \$100
- 100-150 miles from Arizona Science Center: \$150
- 150-200 miles from Arizona Science Center: \$200
- 201+ miles from Arizona Science Center: \$250
- Requires Overnight Stay: \$250