

SCIENCE ON WHEELS

ARIZONA SCIENCE CENTER



SCIENCE ON WHEELS PROGRAMS FOR GRADES K-1

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 | GRADES K-1

UP TO 30 PARTICIPANTS | 60 MINUTES | \$300 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.

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

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. **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!

3. **Bubble-ology**

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

4. **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.

5. 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.

6. 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.

7. Insectarium

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

8. 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!

9. 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.

10. Scribble Bots

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

11. 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!

12. 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.

13. Stomach This

Explore the longest system in the human body: the digestive system! This hands-on program illustrates how food travels through our bodies and gives us the nutrients we need to survive.

14. Whirly, Twirly, Flying Things

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



ASSEMBLIES

UP TO 100 PARTICIPANTS | 45 MINUTES | \$400 PER SESSION *

Prepare to be amazed by chemistry, liquid nitrogen, and fiery experiments!

**Discounts available for multiple sessions of the same assembly on the same day.*

FOR GRADES K-5

Superhero Science

Who's your favorite superhero? Explore the science behind fan-favorite super powers such as flying, freeze rays and lightning discharges!

FOR GRADES K-8

Combustion!

What are the three elements a fire needs to ignite? What happens when we change one of these elements? Learn about fire safety and explore combustion in this red-hot assembly!

Really Cool Science

Take a break from the Arizona heat to learn about solids, liquids and gasses while observing some of the coolest liquid nitrogen experiments!



FAMILY SCIENCE NIGHTS **\$600 FOR LESS THAN 500 PARTICIPANTS** **\$675 FOR OVER 500 PARTICIPANTS** **2 HOUR MINIMUM | \$100 EACH ADDITIONAL HOUR ***

Invite your friends and family! Family Science Nights are ideal for large audiences of all ages. These engaging programs consist of hands-on activities that curious minds can explore at their own pace. While available during school hours, Family Science Nights are designed for evening events or as an addition to your school's Science Night.

FOR GRADES K-2

Storybook STEM Family Night

Combine STEM and literacy through engaging, hands-on challenges. Each activity is inspired by a popular childrens' book.

FOR GRADES K-8

All About Arizona Family Night

Explore the amazing state we call home through hands-on activities. Observe desert animal characteristics, mine for copper, decorate a cactus, and more!

Astronomy Family Night

Explore space with hands-on activities about planets, stars, gravity, and being an astronaut. And view space through telescopes!

**Note: The site must provide an adult volunteer to supervise the telescopes outside.*



Brain Games Family Night

Put your brain to use! Explore hands-on puzzles, riddles, and challenges that exercise different parts of your brain.

Engineering Family Night

Channel creativity, problem solving, teamwork, and communication through hands-on challenges and explore the role of engineering in everyday life.

Explore STEM Family Night

Engineer a tower, explore the planets, test your balance and more! This family night blends fun from all branches of science.

Innovaciones Brillantes Family Night

Celebrate Hispanic innovation! Experience interactive activities that highlight Hispanic pioneers in STEM fields like Engineering, Technology, Life Sciences, Family Night and more—developed to inspire future innovators.



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.



STEM EXTRAVAGANZA **GRADES K-8** **UP TO 900 PARTICIPANTS | FULL OR HALF DAY** **PRICING VARIES**

Invite Arizona Science Center for a science-filled school takeover! This highly customizable experience includes a full- or half-day of fun filled with engaging, hands-on experiences. Students rotate through hands-on workshops, exciting science assemblies, Universe on Wheels planetarium presentations and more! Available as an add-on, teachers can engage in STEM professional development opportunities and activities.

PRICING BASED ON FULL-DAY EXPERIENCE

- Less than 100 students: \$2,500
- 101-200 students: \$4,200
- 201-400 students: \$7,000
Note: Must split students in two groups: one session in the morning, one session in the afternoon
- 401-600 students: \$9,200
Note: Must split students in two groups: one session in the morning, one session in the afternoon
- 601-900 students: \$11,000
Note: Must split students in two groups: one session in the morning, one session in the afternoon

PRICING

WORKSHOPS

- \$300 for the first session
- \$225 for each additional session *

ASSEMBLIES

- \$400 for the first session
- \$250 for each additional session *

FAMILY SCIENCE NIGHTS

- \$600 for up to 500 participants for the first 2 hours
- \$650 for over 500 participants for the first 2 hours

UNIVERSE ON WHEELS

- Large Dome | \$1,000 for First 2 Hours
- Small Dome | \$750 for First 2 Hours

STEM EXTRAVAGANZA

Note: Pricing varies based on the number of students and length of day. Add-ons such as Universe on Wheels and educator professional development may affect the prices below.

- Less than 100 students: \$2,500
- 101-200 students: \$4,200
- 201-400 students: \$7,000
Note: Must split students in two groups: one session in the morning, one session in the afternoon
- 401-600 students: \$9,200
Note: Must split students in two groups: one session in the morning, one session in the afternoon
- 601-900 students: \$11,000
Note: Must split students in two groups: one session in the morning, one session in the afternoon

TABLING

- \$200 for 3 Hours and 1 Team Member
- \$100 for 3 Hours and 1 Team Member
Title I or Non-Profit Businesses

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

**Discounted sessions/hours must be the same Workshop, Assembly, Family Science Night or STEM Extravaganza topic on the same day.*