

Mid-America Science Museum Engineer It! Summer Science Camps

Exciting and educational hands-on science for kids and adults. These stand-alone camps feature a different theme each week and a different topic every day, so you can join us for one day, one week, all five weeks, or any combination. Construct robots, build and launch alka-seltzer rockets, engineer air-powered and electric-powered race cars and much more. Some scholarships are available; call for info.

- Camp hours from 9am to 12noon
- Two age-appropriate camp tracks: ages 6-8 and 9-11 (**Robots** has only one track: ages 8-11)
- Small group instruction
- A staff of experienced educators
- Lots of fun summer memories!
- Parents and Grandparents are invited to sign-up as volunteers for Summer Science Camps



Summer Camp Schedule

Think It, Build It, Test It, Re-Do It

June 15 - 18

Kids learn the process that engineers go through in order to be successful. This fun-filled camp explores the steps for making sure that your product is the best it can be.

- Monday.** Build with straws, toothpicks, marshmallows, & gumdrops
- Tuesday.** Build with balloons and paper
- Wednesday.** Build with cardboard
- Thursday.** Build as a team

Robots, Robots, Everywhere

June 22 - 25

Build program-controlled robots with motors, sensors & tiny computers. Create your own interactive inventions!

- Monday.** Build robots that respond to light, temperature & wind
- Tuesday.** Build for a holiday, event, or festivity
- Wednesday.** Build your own sound-making machine
- Thursday.** Build motion machines that bring Newton's Laws to life

The Power of Water

June 29 - July 2

Water as an energy source and how density affects objects' ability to float.

- Monday.** Build a water mill and modify it using different materials
- Tuesday.** Build mountains and tear them down with erosion
- Wednesday.** Build water-powered rockets
- Thursday.** Experiment with floating and sinking

Moving Without Motors

July 7 - 10

Explore the Laws of Motion and build a variety of fun vehicles with alternative power sources.

- Monday.** Build a balloon-powered car
- Tuesday.** Build an air-powered car
- Wednesday.** Build a film canister rocket
- Thursday.** Build a hover-craft

Build It, Shake It, Break It, and Re-Make It

July 20 - 23

Build structures out of various materials and test them against wind, water, earthquakes, and more.

- Monday.** Build and test a styrofoam boat
- Tuesday.** Build a Lego tower and test its strength and stability
- Wednesday.** Build airplanes and test their flight patterns
- Thursday.** Build bridges and test their load limit

Please check the camp sessions you want and fill out the reverse side to complete registration. Each day camp is \$25 for MASM members or \$30 for non-members (+tax). Some scholarships are available. Call for information.

Total sessions _____ @ \$27.13 = \$ _____

Total sessions _____ @ \$32.55 = \$ _____

Age level 6-8 9-11

2009 SUMMER CAMPS REGISTRATION FORM

Registrations must be received 2 weeks prior to the first day of the camp.

Camper's Name _____ Date of Birth _____

School _____ Grade _____

Parent/Guardian Name _____

Home Address _____ City _____ State _____ Zip _____

Phone # _____ Alternative Phone _____

Emergency Contact _____ Contact Phone# _____ Relationship _____

Who is authorized to pick up Camper at the end of the Camp day? _____

You must have a picture ID when picking up the Camper.

Physician's Name & Telephone # _____

Camper's allergies or special needs _____

Museum Membership Yes No Membership ID# _____

Email Address _____ Interested in upcoming event notices? Yes No

CAMP RULES & WAIVERS

1. Follow Camp Instructor, Museum Staff and Museum Volunteer's instructions at all times.
2. Absolutely NO RUNNING in the Museum or outdoors. Walking is the speed limit!
3. No food, gum, drinks, or candy is allowed inside the Museum. We will have a daily snack time.
4. No radio/headphones, tape/CD players, video games, etc., are allowed.
5. When exploring the Nature Trail, stay on the paved pathway unless otherwise instructed.
6. Flowers are NOT to be picked anywhere on the grounds.
7. No walking or climbing on rocks near the water.
8. We strongly encourage every Camper to interact with each exhibit, but please be careful so as to not damage them.
9. Admission must be paid for any individual entering the main exhibition hall, other than the Camper. Please note that prices do not include taxes. Adults \$8; Seniors (62+) \$7; Children (under 2) free. You may purchase an annual family membership for unlimited visits.
10. Mid-America Science Museum is not held responsible for children left unattended prior to or following each day camp's session. It is the parent or guardian's responsibility for the child to arrive and be picked up on time.

My child has permission to attend this (these) Camps. I understand that I am responsible for providing transportation to and from Mid-America Science Museum and that Campers are to be picked up on time. I also understand that my child will be expected to follow all camp and Museum rules. My child is in good physical condition at present. I hereby give consent to any emergency medical treatment necessary for my child resulting from an accident or illness. I accept responsibility and any medical bills that may result from medical treatment.

I understand that video production and/or photography may be conducted during my visit to the Mid-America Science Museum. Museum admission/Camp registration grants full consent to Mid-America Science Museum and those acting under its permission or upon its authority, the unqualified right and permission to reproduce, copyright, publish, or otherwise use my photographic likeness. In order to revoke this permission it would be necessary for me to sign the "Refusal for Release" which will be provided upon request.

I acknowledge that I have read the above rules and waivers for the Summer Science Camp program. I have also discussed rules with my child and she/he fully understands what is acceptable behavior at Mid-America Science Museum.

Parent/Guardian Signature _____



Total from other side \$ _____

Check Enclosed VISA MC Amex Discover

Please charge \$ _____ to my credit card.

Card Number _____

Expiration Date _____ CC Code _____

Signature _____



**MID-AMERICA
SCIENCE
MUSEUM**

inspiring innovation

In Association With The Smithsonian Institution

500 Mid-America Blvd. • Hot Springs, AR 71913
501.767.3461 • MidAmericaMuseum.org