

THE EDGERTON EXPLORIT CENTER

208 16th Street • Aurora NE, 68818 • 402.694.4032 • www.edgerton.org

Full STEAM Ahead!

Our programs are inspired by the philosophy of our namesake, Harold "Doc" Edgerton—a native of Aurora who gained international recognition for pioneering electronic flash photography, the strobe light, and side-scan sonar. At the Edgerton Explorit Center, we carry on Harold "Doc" Edgerton's legacy by sparking curiosity in STEAM—Science, Technology, Engineering, Art, and Math. Our hands-on programs turn play into discovery, and discovery into unforgettable learning. From solving problems creatively to exploring the world with curiosity, every experience inspires students to keep asking questions and keep learning.

Most of all, our programming builds something that lasts a lifetime—a love of learning.



Amazing Bubbles Demo

Programming options include field trips to the Center in Aurora and our Edgerton On



Go Show Demonstration

The Move (EOTM) Programs – that bring science fun to YOU! Our programs are designed to spark curiosity and excitement wherever you are. Every option includes time for students to explore and play with hands-on exhibits in our Explorit Zones.

Guests who visit the Center will enjoy even more discoveries, including the newly renovated Strobe Alley and the expanded Discover-It Zone on our lower level. Programs may also feature live science demonstrations, hands-on labs, family nights, and even encounters with live raptors!

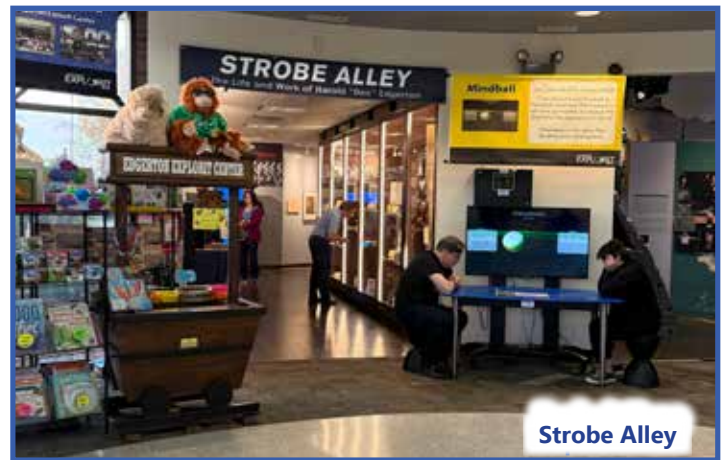
**Online registration available at www.edgerton.org
or by calling 402-694-4032**

P
R
O
G
R
A
M
S

Edgerton Center Facilities and Services

Strobe Alley

Newly renovated Strobe Alley features the life and work of Harold "Doc" Edgerton. The Alley is the home of Edgerton's historic photographs, including the famous "Milk Drop Coronet" and the "Bullet through Apple" photos, as well as his laboratory equipment and information about his work at MIT and explorations with Jacques Cousteau. There are also hands-on exhibits that show Doc's work with the electronic strobe flash as well.



The Theatre and Demonstrations

Visitors of all ages enjoy the experience of our live interactive science demonstrations presented by the Edgerton Center's lead educators in our theatre. Each demonstration will get everyone excited about learning science with unique experiments and audience participation. The demos can be done for small groups or entire schools and are great supplements to classroom learning. Two demonstrations are included in the price of field trips to the center. Edgerton On The Move Programs can be just one demo up to a Science Explosion event that includes up to 10 Demonstrations and labs over two days.

Explorit Zone

The Explorit Zone was created based on Harold "Doc" Edgerton's philosophy to "...teach people in such a way that they don't realize they are learning until it is too late." The Zone does this with interactive exhibits that are designed to provide insight into hands-on STEAM (Science, Technology, Engineering, Art and Mathematics) principles. Our Zone puts STEAM into students' hands by letting them explore, imagine and create as they play and find answers to questions.



Discover-It Zone

A lower level continuation of the Explorit Zone. This space add an additional floor of fun, interactive exhibits to explore.

Traveling Explorit Zone

This is a smaller traveling version of the Explorit Zone that we bring to you. It has over 40 hands-on STEAM activity stations students can rotate through. Typically, it is set up on twelve to fifteen tables in a decent sized room or location that works best

for your school or organization's event. The Traveling Explorit Zone can be set up for small groups or entire schools including Family Nights where parents and siblings can participate as well.

Hands-On Lab Activities

The Edgerton Explorit Center offers hands-on lab activities both at the Center in Aurora and off-site with our Edgerton On The Move Programs. Lab descriptions and suggested age ranges are listed in the lab section on page 4. Labs can be added to a field trip for an additional \$3.00 per student or can be part of an EOTM program and fall under the pricing packages list the next page. Labs are limited to a maximum of 25 students to ensure a great student experience and due to cost of supplies. Additional labs can be added to accommodate your numbers. Please contact us if you have any questions.



Edgerton On the Move (EOTM)

Offsite program packages

Offsite Demonstrations or labs

- First demonstration or lab: \$400
- Each additional demonstration or lab: \$160

Science Discovery Day: \$1,950

- Full day of STEAM activities for an entire school
- Choose from any combination of six demonstrations and/or labs for the event
- Traveling Explorit Zone setup for entire program

Family Night Program: \$1,000

- Includes one demonstration
- Traveling Explorit Zone setup for up to 2 hours
- No labs available with this program

Portable Planetarium: \$425 (half day) or \$850 (full day)

- Half day consists of up to four half hour shows done every 45 minutes
- Full day is up to eight half hour shows done every 45 minutes
- Requires open space at least 20 feet per side with 10 foot ceilings

Science Explosion 2 Day Event: \$3,050

- Up to ten demonstrations and/or labs of your choice
- Gym set up with traveling Explorit Zone for both days
- Family night with traveling Explorit Zone on one of the nights

Get STEAMED Portable Miniature Golf

Nine hole portable science themed miniature golf course with a twist. Science questions at each hole that allow players to take strokes off their score if they get them correct. Minimum space required for set up is 400 square feet. Can be set up indoors or weather permitting outdoors.

- Up to 4 hours: \$525
- Up to 8 hours: \$1,050

***Round Trip mileage will be in addition to EOTM programming fees.**

**** Educators leave Aurora no earlier than 6:00am and return no later than 11:00pm. Depending on your requests, lodging may be necessary. This cost is in addition, and is not included in the EOTM price.**



Catapult Lab



Stopping Time Demonstration



EOTM Demonstration



We Bring Programming To You

Edgerton Explorit Center Demonstrations & Labs

Demonstrations: offered on and offsite

- Arctic Blast (States of matter)
- Amazing Bubbles (Science of bubbles)
- FUNdamentals of Science (Describe, classify, understand)
- Sparks (Electricity)
- Spaceflight Explorers (Space)
- Raptorology (Science of Raptors)
- Portable Planetarium (Space)
- Stopping Time (Strobe light physics)
- Go Show! (Newton's laws of motion)
- Good Vibrations (Sound)
- ABC'S of Chemistry (Chemistry)

Labs: offered on and offsite

- Color Mixing
- Dino Excavators
- Density Tubes
- Eagle Wing Engineering
- Slime
- Owl Eyesight Lab
- Grass Heads
- Stomp Rockets
- Glitter Blood
- Flashlights
- Owl Pellet Dissection
- Soda Can Catapults
- Mallonaut Spacesuit Building
- Marble Machines
- Spectroscopes
- Tornado in a Jar
- Anemometers



Sparks
Demonstration



Slime Lab



Edgerton Staff



Raptor
Demonstration



Edgerton Explorit Center Field Trips

Group rate: \$9.00 per person (\$125 minimum)

*Includes two 30-minute demonstrations

*Each additional demonstration @ \$3.00 per student

*Labs @ \$3.00 per person (\$75 minimum fee)

* Explorit Zone and new lower level Discover-It Zone time to explore hands-on interactive exhibits.

Field trip and Edgerton On The Move registration available online at www.edgerton.org.

For questions contact us at mary@edgerton.org or by calling 402-694-4032.

Like us on Facebook