



# Farmington Museum System

# EDUCATION GUIDE

2<sup>ND</sup> EDITION





WELCOME!

We thank you for choosing the Farmington Museum System as your educational destination. Our museums exist so all may Explore, Experience, and Enjoy (E<sup>3</sup>) the world around us. Please read through this guide to discover the educational opportunities each of our museums has to offer.

Our programs are designed to meet at least one or more of the educational benchmarks defined by the State of New Mexico Department of Education. If the programs listed in this guide are not suitable, they can be adapted to meet the unique needs of your group. If your group is unable to visit our museum facilities, we also provide outreach programs for a nominal fee.

In addition to the educational programs listed here, our museums host a variety of public programs and events throughout the year. Family programs are offered every week and are usually free of charge.

We encourage you to visit on your own to see all the Farmington Museum System has to offer. For further information, please call us at (505) 599-1174 or visit us online at [www.farmingtonmuseum.org](http://www.farmingtonmuseum.org).

Thank you for your interest in the Farmington Museum System. We look forward to working with you to create a memorable and educational visit!





## GROUP SCHEDULING INFORMATION

Groups must make reservations at least two weeks prior to the visit, even for self-guided tours. Please confirm your reservation by phone or e-mail 3-5 days in advance of your visit.

Reservations are made on a first-come, first-serve basis.

To make a reservation, please call or e-mail the educator at the facility you wish to visit. Online reservations and payments can be made at select facilities on the museum's webpage, [www.farmingtonmuseum.org](http://www.farmingtonmuseum.org).

When selecting a program date and time, please see the individual facility's listing for days and hours of operation. Except when noted, programs are free of charge.

Each of the museum facilities is limited in size. If you wish to bring a large group of more than 30, please notify us well in advance so we can make accommodations.

Our museums are always changing and improving. Please be aware that program availability is subject to change. We will do everything we can to accommodate your requests.

The museum requests at least one chaperone for every 10 students. Nature Trail Programs at the Riverside Nature Center require one chaperone for every 8 students.

Please notify us as soon as possible if you need to cancel your reservation, or if any changes in your visit date or time need to be made.

Please be aware that if your group arrives more than 20 minutes late, part or all of your scheduled program may not be available.



## MUSEUM ETIQUETTE

To ensure a safe and enjoyable visit, please observe the following guidelines:

- Teachers and chaperones should stay with their groups at all times. Adult involvement and assistance are integral to many of our programs.
- Please be polite and respectful of other guests who may be visiting the museums.
- Food and drink must remain outside unless special arrangements have been made with museum staff.
- Please help us protect the artifacts on display. No touching or flash photography is permitted, unless otherwise stated.
- Name tags are suggested.
- Learn, explore, and have fun!

# Museum Facilities



## The Farmington Museum at Gateway Park

Main line: (505) 599-1174

Education Coordinator: **Adrienne Boggs**

(505) 599-1169 / [aboggs@fmtn.org](mailto:aboggs@fmtn.org)

3041 E Main Street Farmington, NM 87402

Hours: Monday – Saturday, 8:00am – 5:00pm

Admission: Free, donations accepted

The Farmington Museum houses permanent exhibits on the cultural and natural history of Farmington and the Four Corners region. In addition to these permanent exhibits, several changing and traveling exhibits, and juried art shows are staged throughout the year. For a current schedule of exhibits, please call (505) 599-1174 or visit [www.farmingtonmuseum.org](http://www.farmingtonmuseum.org).

### Farmington Museum Permanent Exhibits

#### From Dinosaurs to Drill Bits

Oil and gas booms in the 1950s changed the landscape of Farmington, more than tripling the population almost overnight. This exhibit explores the history of oil and gas in the San Juan Basin and focuses on the latest technology used in the oil and gas industry.

#### Three Waters Trading Post

The Three Waters Trading Post is a walk-through replica of a 1930s trading post. Recorded oral histories, written text, and the immersive environment of the exhibit help to explain the history and importance of the trading post in reservation life, and explore the relationships between traders and their Native American customers. The Three Waters Trading Post exhibit also features a small selection of traditional Navajo weavings and an assortment of early Native American tools.

### Farmington Museum Tours

#### Guided tours

Guided tours of the museum's exhibits are free of charge and can be tailored for all ages. Please allow 30 to 90 minutes for a tour of some or all of the exhibits. Please be aware that the museum will need to make special arrangements for large groups of more than 30.

#### Self-guided tours

Groups may schedule a free self-guided tour for an informal and relaxed exploration of the museum's exhibits. Please allow a minimum of 60 minutes for a self-guided tour.



## Farmington Museum Discovery Classes

Discovery Classes are 90-minute, in-depth programs designed to facilitate the museum learning experience. Discovery Classes can be scheduled in conjunction with a tour or as a stand-alone program. The cost per student is \$3, with no charge for teachers and chaperones. Please call (505) 599-1169 for more information

### SCIENTIFIC DISCOVERY

#### Rockin' Geology

Did you know that millions of years ago volcanoes shaped New Mexico's topography and during the age of the dinosaurs, the San Juan Basin was covered in tropical swamps and a warm, shallow ocean? Rockin' Geology is an exciting class that will explore how volcanoes form and erupt, how water and sediment formed the San Juan Basin, and how oil and gas are created. Hands-on experiments will be featured, including a do-it-yourself volcanic eruption!

Grades: 3-8

Maximum Group Size: 30

Time: 90 minutes

#### What's the Matter?

Ever wondered what the world was made of? In What's the Matter, students will have the opportunity to explore the science of matter. Topics explored will include states of matter, density, and chemical reactions. Each topic will have a hands-on experiment, including science burritos, elephant toothpaste, and ice cream!

Grades: K-6

Maximum Group Size: 30

Time: 90 minutes

### HISTORICAL DISCOVERY

#### Four Corners Cultures

The Puebloan and Navajo peoples settled in the Four Corners region and cultivated the land hundreds of years before European-American settlers arrived. Four Corners Cultures will explore the artistic and cultural heritage of these groups through hands-on activities, such as sand painting, pottery decoration, and corn grinding.

Grades: K-8

Maximum Group Size: 30

Time: 90 minutes

#### Frontier Days

European-American settlers first came to the San Juan Basin in 1875 to farm the fertile land with water from the Animas, La Plata, and San Juan Rivers. These early pioneers endured a harsh and isolated landscape to build an agricultural community. Participants in this program will experience many aspects of early pioneer life in Farmington, including food preparation, household chores, and toys and games.

Grades: K-6

Maximum Group Size: 30

Time: 90 minutes

### ARTISTIC DISCOVERY

#### Art Quest

How have humans expressed themselves throughout history with art and what purpose has art served human societies? Incorporating the museum's current art exhibits and hands-on art activities, students will explore the meaning of art, how different cultures have expressed their beliefs through art, and some of the techniques involved in creating artworks.

Grades: K-8

Maximum Group Size: 30

Time: 90 minutes

## Farmington Museum Outreach

We understand the prohibitive costs of field trips at the current time. To help alleviate some of the costs involved, we are happy to provide any of our Discovery Classes as outreach programs. The cost per student will remain \$3 and a small gas charge of \$0.14 per mile will be applied for any group outside the Farmington/Aztec/Bloomfield area. We are unfortunately unable to offer outreach programs to any group outside a 50-mile radius of the Farmington Museum. Please call (505) 599-1169 for more information.





## **E<sup>3</sup> Children's Museum & Science Center**

Main line: **(505) 599-1425**

Education Coordinator: **Cherie Powell**

(505) 566-2279 / [cpowell@fmtn.org](mailto:cpowell@fmtn.org)

302 N Orchard Ave Farmington, NM 87401

Hours: Tuesday – Saturday, 10:00am – 5:00pm

Admission: Free, donations accepted

“Don't forget your imaginations!”

E<sup>3</sup> seeks to provide programs, projects, and experiences which develop children's creative thinking and reinforce curricular goals. In addition to our permanent exhibits, special exhibits are scheduled regularly and may include special entrance fees. For a current schedule of exhibits, please call (505) 599-1425 or visit [www.farmingtonmuseum.org](http://www.farmingtonmuseum.org).

Do you have more children than what is listed on group size? Don't worry, call, and let's talk. We can always make adjustments. Not seeing something to fit in with your curriculum? Call, because we can find something for every classroom's goal.

### **E<sup>3</sup> Children's Museum & Science Center Permanent Exhibits**

#### **Main Gallery**

Interactive exhibits on natural science, physics, mathematics, and more teach children through hands-on, self-paced experiences. Visitor favorites include the Shadow Room, Sound Vibrations, and Name Your Own Dinosaur game.

#### **Tot's Turf**

Tot's Turf is for children ages newborn to 5 years, although infants and toddlers have priority in this space. We would like to keep Tot's Turf as clean as possible for our little guests, so shoes are not permitted in this area - this includes adults. Adults, please help children refrain from taking apart Tot's Turf equipment. Some pieces are very hard to put back together. Our staff reserves the right to ask extremely rowdy children to exit Tot's Turf. Snacks and drinks are never allowed in Tot's Turf.



## E<sup>3</sup> Children's Museum & Science Center Tours

Guided tours of the museum are not offered, as our exhibits are all interactive and hands-on, inviting personal exploration and discovery. Please allow a minimum of 60 minutes for a self-guided tour of the museum's exhibits.

## E<sup>3</sup> Children's Museum & Science Center Group Programs

Group Programs cover a variety of subjects and are designed to facilitate motor skills, creativity, learning, and fun. Programs can be scheduled alone or in addition to a self-guided tour of the museum's exhibits. Please allow additional time for a self-guided tour following a scheduled program.

### SUPER SIMPLE SCIENCE

These simple demonstrations and experiments are provided to help reinforce curricular goals. Not seeing something that fits in with your goals and curriculum? Call us, we can make changes and/or come up with a specific program.

#### **Gloop! Gak! Boogers!**

What ever you call it, it is still a polymer.

\$1.00 per child

Grades: 1-6

Group Size: 20

Time: 20-30 minutes

#### **Film Canister Rockets**

This gassy experiment will send rockets flying.

\$1.00 per child

Grades: 3-6

Group Size: 20

Time: 45-60 minutes

#### **Paper Rockets**

After constructing our very own paper rockets, we will go outside and send them flying with our rocket launcher.

\$1.00 per child

Grades: 3-6

Group Size: 20

Time: 45-60 minutes

#### **Heatless Lava Lamps**

Groovy baby. Let's make our very own lava lamps.

\$1.00 per child

Grades: 3-6

Group Size: 20

Time: 20-30 minutes

#### **Rocket Cars**

Who knew? A little Styrofoam, a straw, and a balloon to make this little car go ZOOM!

\$1.00 per child

Grades: 3-6

Group Size: 20

Time: 45-60 minutes

#### **Science Burrito**

WAIT, don't take that bite. This burrito is a feast for the eyes. Learn about density when we construct this column of different liquids.

\$2.00 per child

Grades: 3-6

Group Size: 20

Time: 30-40 minutes

#### **Life Cycle of the Butterfly**

How does a butterfly become a butterfly? Let's find out in this science project. We will make our very own life cycle.

\$0.50 per child

Grades: Pre-K-1

Group Size: 20

Time: 20-30 minutes

### THE OLDEN DAYS

These experiences are something the kiddos will remember for a long time. It also will give them an idea of what it was like in "The Olden Days."

#### **Tin Punching**

Children will make a design of their own using a punch, wooden hammer, and tin.

\$1.00 per child

Grades: 3-6

Group Size: 30

Time: 30-40 minutes

## Apples

How many apples does it take to make a gallon of apple cider? Let's find out while using the apple press. Learn the history of this area while cranking the ol' cider press. (This program works well with the Butter program...ask for details.)

\$1.00 per child

Grades: 1-6

Group Size: 30

Time: 45-60 minutes

## Butter

Shake, shake, shake. Shake, shake, shake. Shake your butter! How does butter form? Where does it come from? (This program works well with the Apple program...ask for details.)

\$0.50 per child

Grades: 1-6

Group Size: 30

Time: 30-40 minutes

## ART

\$0.50 to \$1.00 per child

Grades: 1-6

Group Size: 20-30

Time: 30-40 minutes



- Kente Paper Weaving**
- Egyptian Paper Beads**
- Yarn Paintings**
- Bottle Cap Magnets**
- Quilling Paper Design**
- Fossils**
- Ironed Crayon Mosaics**
- Thing Holders**
- Picassos in Training**
- Sun Prints**
- Ojo de Dios**
- Weaving with Hula Hoops**



## PRE-K STORY TIME AND ACTIVITIES

\$0.50 to \$1.00 per child

Grades: Pre-K

Group Size: 20-30

Time: 30-40 minutes



- The Rainbow Fish**
- Snowmen at Night**
- The Hat**
- We're Going on a Bear Hunt**
- The Kissing Hand**
- Seeing Stars, Starfish that is**
- Nuts to You**
- Brown Bear, Brown Bear**
- What Do You See?**
- Ten Apples on Top**
- The Very Hungry Caterpillar**
- The Apple Pie Tree**
- Growing Vegetable Soup**
- Red Leaf Yellow Leaf**
- Ocean in a Bag**
- The Snowy Day**
- Oobleck**
- One Duck Stuck**
- Sand Painting**

## E<sup>3</sup> Children's Museum & Science Center Outreach

Can't come to the museum? No problem, we will come to you! Schedule an outreach program at your school or community event today. A small gas charge of \$0.14 per mile will be applied for any group outside the Farmington/Aztec/Bloomfield area. We are unfortunately unable to offer outreach programs to any group outside a 50-mile radius of the Farmington Museum. Please call (505) 599-1425 for more information.

## Stardome

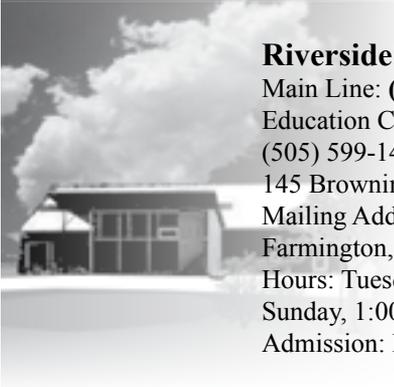
The Stardome is a truly unique experience for both children and adults. View constellations in the middle of the day, fly out into our solar system, watch the original moon landing, and see other educational movies in a 360° digital format. This portable planetarium is available for both school and community events.

Grades: K-12

Maximum Group Size: 45

Time: 20-60 minutes each show

Cost: \$25 setup/teardown fee, plus \$0.50 per person



## **Riverside Nature Center**

Main Line: **(505) 599-1422**

Education Coordinator: **Donna Thatcher**

(505) 599-1422 / [dthatcher@fmtn.org](mailto:dthatcher@fmtn.org)

145 Browning Parkway, in Animas Park

Mailing Address: 3041 E Main St

Farmington, NM 87402

Hours: Tuesday – Saturday, 9:00am – 5:00pm

Sunday, 1:00-4:00pm (Closed Mondays)

Admission: Free, donations accepted

The Riverside Nature Center is the hub for activities along the trails of Animas and Berg Parks. Interactive exhibits exploring the environment and wildlife of Farmington are featured along with exhibits by nature photographers, artists, and projects by area schools. There are wetlands for wildlife, and an extensive xeriscape demonstration garden with interpretive exhibits. In addition to the school programs listed below, other programs, usually offered a few times a year for the public, can be planned for school groups upon request. For a current schedule of exhibits, please call (505) 599-1422 or visit [www.farmingtonmuseum.org](http://www.farmingtonmuseum.org).

### **Riverside Nature Center Group Programs**

#### **Nature Trail Program**

This guided walk through the trails of Animas and Berg Parks focuses on sharpening students' observation skills and understanding of the riverside ecology. Activities along the trails introduce students to food chains, geography of the river system, plants, and wildlife of the area. Your guide can concentrate on a specific topic to correspond with current lesson units if requested. The walk is typically about 1.5 miles on level ground, and is not suitable for toddlers or strollers.

Grades: PreK-12

Maximum Group Size: 30

Time: 90 minutes



#### **Compass Games**

Students learn math skills as they use a compass to follow and give directions to others. Compasses are provided. We recommend groups participate in the Nature Trail Program before scheduling the compass program at the Nature Center.

Grades: 4-12

Maximum Group Size: 30

Time: 90 minutes

#### **Traditional Knowledge of the Land**

Students gain hands-on experience with natural materials traditionally used for food, beverages, dyes, craft materials, and household uses by Native Americans and early settlers. The program includes a guided walk to see plants.

Grades: 5-12

Maximum Group Size: 20

Time: 2 hours

#### **Self-Guiding Activity Packs for Animas Park**

If you want to explore the river environment without a guide, these packs include materials for learning about insects and other forms of riparian life. Each pack is designed for use by 8 students and one teacher.

## Riverside Nature Center Outreach

If it is not possible for your class to visit the Riverside Nature Center, we will bring some of our programs to you! Please be aware that each program has specific grade level and size limitations and will cost \$10 per group. A small gas charge of \$0.14 per mile will be applied for any group outside the Farmington/Aztec/Bloomfield area. We are unfortunately unable to offer outreach programs to any group outside a 50-mile radius of the Farmington Museum. Please call (505) 599-1422 for more information.

### Compass Games

See Group Programs listing.

Grades: 4-12

Maximum Group Size: 30

Time: 90 minutes

### Traditional Knowledge of the Land

See Group Programs listing.

Grades: 5-12

Maximum Group Size: 20

Time: 2 hours

### Birds of Farmington

Farmington and the Four Corners area is a prime spot for bird watching. Many of our birds are unique to our area and are not shown in most textbooks. This slide presentation and talk includes interesting and educational information about local birds, their behavior, and how to attract them. A dark room is required for this presentation.

Grades: 2-12

Time: 60 minutes

### Butterflies

This outreach program will help students learn about butterflies and other insects, and their places in the environment and the food chain. Slides and hands-on objects to study are included and the class will emphasize learning how to write and speak about the topic, combining science and language arts. A dark room is required for this presentation.

Grades: K-5

Time: 40 minutes



*Capture your experience of Farmington at one of the Museum's three stores: **Currents** at the Farmington Museum at Gateway Park, **Colores** at E<sup>3</sup> Children's Museum & Science Center, and **Cottonwoods** at the Riverside Nature Center. Each store specializes in educational gifts uniquely related to exhibits and programs, Farmington, the Four Corners, and the greater Southwest.*

*Please plan for additional time if you would like to explore our gift shops during your visit. Our policy is to allow five students at a time to enter the stores. A teacher or chaperone must be present while students are shopping. A suggested activity beforehand is to practice reading prices and counting money. A five percent gross receipts tax is added to the price of items purchased.*



# Transcend the Ordinary

**CURRENTS** - Farmington Museum at Gateway Park, 3041 E. Main St  
505-599-1421



Ride the current to the Farmington Museum at Gateway Park. Currents specializes in educational and artistic gifts and toys uniquely related to exhibits and programs, Farmington, the Four Corners, and the greater Southwest.

**COLORES** - E<sup>3</sup> Children's Museum & Science Center, 302 N. Orchard Ave  
505-599-1425

Explore! Experience! Enjoy! Colores, the Farmington Museum store at E<sup>3</sup> Children's Museum & Science Center, caters to kids of all ages. Colores specializes in educational toys and gifts related to exhibits and programs with a focus on children's science and art.



**COTTONWOODS** - Riverside Nature Center in Animas Park off Browning Parkway, 505-599-1422



Gather your thoughts where nature rules! Cottonwoods, the Farmington Museum store at Riverside Nature Center, specializes in nature-themed educational toys and gifts related to exhibits and programs for children, bird watchers, and Southwest wildlife enthusiasts.

