



Outreach Programs allow teachers the luxury of staying at school and having educators from the Family Museum come to them! We offer programs for k-8 on a number of subjects including magnets, levers, geology, and weather.

Love Affair of Maggie Nets (Grades K-3)

- Build knowledge about magnets and excitement about science.
- Demonstrations illustrate basic principles of magnetism.
- Students explore over 15 different interactive magnet experiment stations.

Gadgets and Gizmos (Grades 2-6)

- Explore levers, wedges, pulleys, inclined planes, gears, screws and more.
- Samples of simple machines make work easier on our amazing "Tennis Ball Bowling Gizmo".
- Students create a new contraption that will push, pull, roll and do work.

Solids and Liquids and

Gases... Oh My! (Grades 2-6)

- A variety of fascinating experiments that investigate the properties of matter.
- Open ended hands on activities that explore solids, liquids, and gases.
- Student-centered excitement and fun.

Geology Rocks! (Grades 3-8)

- Hands-on projects introduce the Geologic Rock Cycle.
- Use scientific techniques to identify mineral samples.
- Learn how geology is used in everyday life.

Understanding Electricity (Grades 2-6)

- Static electricity can be shocking.
- Build a circuit and light a bulb, include a switch.
- Investigate conductors and insulators.

Sound Science (Grades K-6)

- Check out the "vibration relation" of sounds around us.
- Activities explore seeing, feeling and hearing vibrations.
- Students make a vibration sensation that illustrates the science of sound.

Weather Wonders (Grades K-6)

- Experiment with air pressure.
- Touch a tornado and investigate lightning.
- Find out how air, sun, water and Earth work together to make weather happen.

Push Pull Forces (Grades 1-6)

- Investigate how a push or pull makes things go and change direction.
- Experiment with friction to make things slow down and stop.
- Use a push, a pull and friction to build a roller coaster that's really fast... or maybe slow.

Stuffee® (Grades K-3)

- Stuffee® is a seven foot, blue haired, kid friendly prop with a zipper down the front.
- Unzip Stuffee® to "unlock" the mystery of what's inside our body.
- Learn why a healthy lifestyle is so important.

Box City (Grades K-6)

- An interdisciplinary experience in community planning.
- Students explore realistic issues while planning and building a city.
- Hands on materials just like real city planners use.

Did You Know?

The Family Museum may be able to assist you with your transportation expense through a transportation subsidy.

Indoor and outdoor eating spaces may be reserved for your group at no extra charge.

A 10% discount in the Corner Store is available for educators on the day of their class visit.

You can rent Science Outreach Kits for your classroom to use at your leisure. Each kit contains materials for 32 students and is \$75 for two weeks. For more information call Kathy Wierzba at 563-344-4171.

The Family Museum exhibits and programs address Benchmarks for Science Literacy.

Schedule a Family Night at Your School.

For only \$150.00 a Museum educator will come to your school with all the activities and supplies needed for two hours of fun. All you need are a few volunteers to help run the activities.

Math Festival

Host Family Math Night at your school to spark interest in mathematics while families have fun together. Parents and children will talk about strategy, discover numerical and visual patterns, use mental math and explore geometric properties all while having a great time playing games.

Flight Factory Festival

From the time that people first observed birds and flying insects, human flight has been the subject of our dreams and schemes. The sky was finally opened to humans through science and technology. During Flight Factory Festival families build kites, gliders, helicopters, airplanes, and rockets as they play and learn about how things fly.

Family Science Night

Science is fun and the Family Museum can come to your school with more than ten science stations where families can play and learn while they have a great time doing fascinating science experiments.

How to Register for Outreach Programs.

Call Kathy Wierzba at (563)344 - 4171 or email kwierzba@bettendorf.org

Programs are designed to be presented to one class at a time and for students to come to the presentation rather than for the presentation to move from one classroom to another.

Program Length: 50 minutes per class

Program Cost: Mileage \$.40/mile plus \$125 for ½ day (up to 3 programs) or \$175 for a full day. (up to 5 programs)

Too many great programs to choose from? You may choose one or two different programs per visit!



2900 Learning Campus Drive
Bettendorf, Iowa 52722
563 - 344 - 4106
www.familymuseum.org

Hit the Road!



Planning a Study Trip at the

Family Museum.

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The Elementary and Secondary Education Act, better known as No Child Left Behind (NCLB), has seemingly increased the amount of time and money spent on core curriculum and has forced administrators to rethink the effectiveness of activities not directly related to standardized testing. In this day and age of increased accountability, is it still worthwhile and feasible to take students out of the classroom to engage in hands-on learning?

YES!

The Family Museum believes it is! Each year the Family Museum welcomes thousands of students from all over Eastern Iowa and Western Illinois. We work with the teachers and educational staff to create an enhanced formal learning experience by cultivating creative expression and developing observation skills at a cost level that can work with almost any budget. We offer flexible scheduling with a wide range of group hours, and if you can't come to us, our certified education staff will come to you with our Outreach Programs.

Our Basic Study Trip.

An orientation by Family Museum staff followed by a self guided exploration of all the permanent and traveling exhibit galleries.

Times: Monday - Friday
Anytime between 9:00 am - 3:00 pm

Fee: \$2.00 per child
\$.50 per child for those students who meet the federal free and reduced lunch program guidelines.

Chaperones: One adult for every six children is required and will be admitted free. Additional adults are \$2.00 each.

Eating: Indoor and outdoor eating spaces may be reserved for your group at no additional charge

Transportation Subsidy: The Family Museum has a limited amount of money available to assist your school with transportation expense. When you register ask Julie about existing bus subsidy funds.

Study Trip Tips.

- Ask for more chaperones than you need. Parents or children get sick and you may need a substitute.
- Visit the site of the Study Trip before you go as a group. Many places, such as the Family Museum, will allow a teacher to walk around and become familiar with the location.
- For the bus ride, make a scavenger hunt list of items students can find on the way.
- Pick a less busy time of year to take a study trip. Maybe a winter outing is just the break students need.
- Make sure students use the restroom and get a drink before getting on the bus (on both legs of the trip!).
- Bring your own snack and drink to keep your energy levels up. Also, bring some for your helpful chaperones, too!

Add a Workshop to Your Museum Visit.

Stuffee® (Grades K-3)
30 Minutes
\$1.00 per student
Available Monday - Friday

Do you have a big zipper down the front of your chest? Can you unzip your body and take out your insides and look at them? There is someone who can... Stuffee®, a seven foot, kid friendly, hands on "friend" that makes learning about your body fun.

Machine Madness (Grades 1-5)
45 Minutes
\$1.50 per student
Available Monday - Friday

Gadgets and gears, linkages and cranks... students in this workshop will make their own toy fun by combining some simple machines to create a whimsical mechanism. Explore how toys work by making your own!

How to Register for a Study Trip.

Call Julie Klein at (563) 344 - 4170 or email jklein@bettendorf.org
Monday-Friday, 9:00 am - 4:00 pm

Please have the following information ready:

- ✓ Date of Visit
- ✓ Mailing address
- ✓ Number and age of students
- ✓ Number of Chaperones
- ✓ Any questions or special requirements