



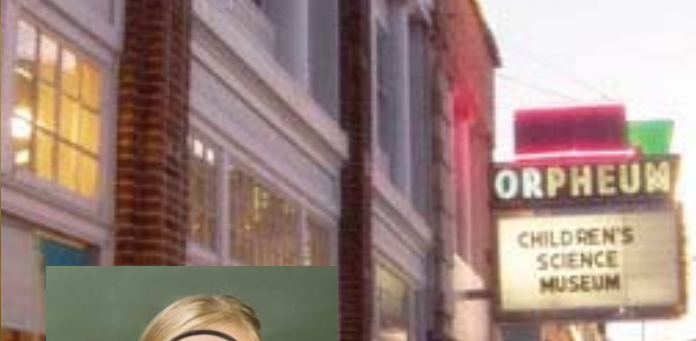
Are you looking for an affordable way to engage young children in science?

The Orpheum offers curriculum that is built around some of the most interesting and important science topics. Our field trips, designed by scientists and educators, contain enriching activities that encourage the wonder of science while teaching core scientific principles. Field trips are taught by our experienced education staff, who bring science to life in understandable and engaging ways. Our age appropriate field trips encourage the wonder and fun your children love. Field trips are available for preschool-5th grade students. The Illinois State Standards for Science apply to all field trips for grades K-5.

To schedule a field trip, please call
531-3555

Orpheum on Wheels

brings the excitement of science learning to you! Whether you are educating a small class or an entire school, we offer a wide variety of programs that meet the needs of your students and your curriculum! For a nominal fee of \$25 per class, up to 3 separate class lessons can be taught in a single visit. The field trips are taught by our education staff, who have experience in bringing science to life in understandable and engaging lesson plans. Travel outside Champaign County requires an additional \$15 for transportation costs. Orpheum on Wheels programs are denoted with an asterisk.



School members enjoy field trips for each class, Orpheum on Wheels, and a private event at the Museum. School membership is a meaningful way PTA can support teachers and science education!



Discovery Field Trips

Our interactive exhibits provide valuable hands-on experiences that match your curriculum and meet Illinois State Goals



Downtown Champaign

346 North Neil
Champaign IL 61820
217.352.5895

1.26.11



Some of our exhibits include:

- Castle Workalot | SS Ackermann Tugboat
- Dinosaur Digs | Flying Pixels | Outdoor Courtyard
- Water Flume | Giant Kaleidoscope
- Orpheum Animal Clinic | Mission Smart Grid
- Live Animals | Rock Grotto



General Information

To schedule a field trip, call 531-3555. Trips can be scheduled Monday thru Friday, from 9 a.m. – 3 p.m.

Trips are scheduled for 2 hour time periods, leaving time for students to explore the Museum. Lessons are approximately 30 minutes each. Larger groups will be divided into 15 students for lessons.

When possible, please schedule field trips two weeks in advance.

Each trip has a minimum charge of \$25. A \$25 non-refundable (but transferable) deposit is required to secure a reservation. The remainder of the balance is due on the day of the visit. PO numbers are accepted as a deposit.

Orpheum field trips are suited for a minimum of 10, and a maximum of 60 students. Adult chaperones are admitted free of charge. We request a 1:5 ratio of chaperones to students.

A confirmation email will be mailed upon receipt of your deposit. This email includes information about your visit and suggestions to help you prepare. We invite you to stop by and tour the museum before bringing a class.

Groups may enjoy eating lunch on our balcony, which seats up to 32. Please schedule this at the time you schedule your field trip.

The Orpheum is in downtown Champaign and is four blocks from West Side Park which offers picnic tables and a playground. Our gift shop offers inexpensive education and science toys.

Orpheum on Wheels programs are marked with an asterisk.

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Preschool memberships are available which include a field trip and unlimited visits to the Museum.

Pre-School

Illinois State Standards shown in orange

***A Bug's Life.** Explore the world of our planet's creepy crawly creatures through storytelling, crafts, and play. Children will learn what is meant by habitat and community as they investigate the anatomy and life stages of insects including ants, spiders, and worms. Each child will do a craft to take home. *12.A.ECa, 12.B.EC, 12.C.EC, 13.B.EC.A*

Clever Critters. Meet turtles, bearded dragons, snake, tarantula, and roaches that call the Orpheum home! Students will learn all about these amazing animals including diet, habitat, and adaptations. *11.A.ECa, 12.A.ECa, 12.B.EC, 13A.EC, 13.B.EC.A.*

Dino Detective. Travel back to the time of the dinosaurs. Learn about what dinosaurs ate and how big they were. Weather permitting; students will become paleontologists in our outdoor dino dig and paleo-lab. Students will learn about how fossils were formed by making their own to keep. *11.A.ECa, 11.A.ECb, 11.B.ECa, 12.A.ECa, 12.A.Ecb, 12.D.EC*

Kindergarten-2nd Grade

Illinois State Standards shown in orange

Magnet Magic. Students will probe the mysteries of magnetism by experimenting with a variety of games and activities that explore how magnets are used in everyday life. Experimentation will lead students to discover attraction and repulsion. *11.A, 11.B, 12.D, 13.A.*

***Tense Water Drops.** Properties of water leading to surface tension will be explored through activities and experiments. Students will learn some exciting gravity-defying water tricks and participate in water drop maze races. *11.A, 11.B, 12.C, 13.*

Junior Paleontologists. Travel through time to explore important questions about life on Earth before humans even existed. Meet one very special dinosaur and find out a lot about how it lived. Along the way, learn about using logic to understand the natural world by using the scientific method, and how the same methods can answer used to answer questions about fossil remains. *11.A, 11.B, 13.A.*

Animal Adventures. Meet Orpheum's turtles, bearded dragons, snake, tarantula, and roaches. Students will learn all about these amazing species including their diet, habitat, and characteristics. This session will emphasize adaptations for feeding, camouflage, protection, and locomotion. *12.A, 12.B, 13.A.*

Grades 3 - 5

Illinois State Standards shown in orange

***Physics with Toys.** Learning becomes play as students identify physics factors that create motion in a variety of toys such as tops, rocket shooters, and rubber band cars. *11.A, 11.B, 12.D, 13.A.*

***Solar Cars.** Students learn about how light can be transformed into the mechanical energy of motion by building and experimenting with their own mini solar powered car. *11.A, 11.B, 12.C, 12.D, 13.B.*

***Kitchen Chemistry.** The scientific method will help students explore physical and chemical properties found in substances at home. Experiments will use common chemicals to introduce acids and bases. *11.A, 11.B, 12.C, 13.A.*

***Simple Machines.** Students measure force using Newton springs to see how simple machines aid them in doing work. The program is brought to life by interactive exhibits about pulleys, ramps, levers, gears and wedges in our Castle Workalot exhibit. Students will be engaged in a scavenger hunt around the Museum to find simple machines in everyday life. *11.A, 11.B, 12.D, 13.A.*

Magnet Magic. Students will probe the principles of magnetism and polarity through experimentation. Their investigation will lead to the identification of the key components of a magnet: its poles, equator, and field. Students will also explore the interaction of magnets with other magnets, metals, and non-metals. Their tests will reveal the phenomenon of magnetic induction which they will use to extract iron from cereal. *11.A, 11.B, 12.D, 13.A.*

Awesome Animals. Meet Orpheum's turtles, lizards, snake, tarantula, and roaches. Students will learn all about these animals including their diet, habitat, and adaptations. This session will emphasize the interactions between species and their environmental niche. *12.A, 12.B, 13.A.*

Tense Water Drops. Properties of water leading to surface tension will be explored through activities and experiments. Students will be exposed to exciting gravity-defying water tricks while learning the chemical principles working on the molecular scale. *11.A, 11.B, 12.C, 13.*

