Outreach Programs
Bring science programs to your school!
Our hands-on, inquiry-based classroom workshops provide in-depth explorations of scientific concepts with museum objects. Students rotate between three different hands-on stations facilitated by our staff, and record their observations in supplied journals. Our programs are aligned with state curriculum standards.

Cost: $225 for the first class, $125 for each additional class. Mileage fees may apply.

To register for a workshop, please call (734) 764-0480.

Programs include:

- **Fabulous Fossils**
  1 hr | Grades 2-4 | Limit 30 students

- **Changing Landforms**
  1 hr | Grades 2-6 | Limit 30 students

- **Rock Detectives**
  1 hr | Grades 2-6 | Limit 30 students

- **Changing Earth: Inside the Earth**
  1 hr | Grades 4-6 | Limit 30 students

- **The Geometry of the Universe**
  2 hrs | Grades 9-12 | Limit 30 students

Other topics may be available, please call for details.

Schedule Your Field Trip Before We Move!

If you want to visit UMMNH one last time in the current location, call our office soon! After 90 years in the Ruthven Museums Building, UMMNH will close December 30, 2017, and will reopen in our new location right next door in 2019.

With our Learn It! Do It! Days, discovery programs and planetarium programs, we offer many opportunities to extend classroom learning while still in this location.

While we are closed, you can bring Museum programs right into your classroom with our hands-on, inquiry-based workshops.

Look forward to new science discovery experiences when the Museum reopens in 2019:

- Interactive, hands-on, and minds-on exhibits
- Innovative exhibits with new and favorite specimens and artifacts
- A new Digital Dome Theater explores a wide variety of science subjects
- Investigate labs for hands-on science
- And newly designed student programs both onsite and in your classroom!

Stay informed by signing up for our Educators Email List at ummnh.org/educators.
Learn it! Do it! Days

Students learn about science by doing science at stations throughout the Museum! In small groups, students participate in hands-on activities, experiments, and presentations focused on the program theme, and take home some of the products they create!

Programs include:

- **Wild Weather Extravaganza**
  2 hrs | Grades 1-4 | November 1, 2017 and November 3, 2017

- **Geology Rocks**
  2 hrs | Grades 2-6 | November 8, 2017 and November 10, 2017

- **World History through Archaeology**
  1 hr | Grades 2-6 | October 27, 2017

Tour & Discovery Programs

Guided tours provide an opportunity to learn more about our exhibits. We offer small group sizes and enthusiastic, extensively trained U-M student docents who help make natural history come alive for your students while they engage with our exhibits and hands-on items.

**Discovery programs** offer a combination of guided discovery in our galleries and hands-on activities in our classroom.

Programs include:

- **Dancing with the Dinosaurs**
  1 hr | Grades PreK- K

- **Prehistoric Explorers**
  30 min | Grades PreK- K

- **Prehistoric Life**
  1 hr | Grades 1 and up

- **A Mammoth Mystery**
  1 hr | Grades 3-6

- **Michigan Ecology**
  1 hr | Grades 3-8

**Full dome Movies**

- 25 mins avg.

- Full dome movies immerse students in different environments, turning the entire planetarium dome into a projection screen. More than just movies, these films take students to places that can’t be imagined any other way. Given their shorter running time, you have the option to add on a fifteen-minute live topic at no extra charge. Check out our website (ummnh.org) for a complete list of movie options!

**River Residency Programs**

Bring a river into your school with the Museum’s 12-foot stream simulation table! These workshops provide hands-on opportunities to explore how water flows, erosion, effects of flooding, the consequences of human activities on water quality, and much more. Students work in small groups and record their observations in accompanying student journals.

**Fees:**

| 1 day: $100, 2 days: $1500, 3 days: $2000, 4 days: $2500.

**Planetarium Programs**

Live, interactive, fulldome programs take students on journeys through the night sky, the solar system, sky motions, the Universe, and more. Customized programming is also available.

**Programs include:**

- **Musical Sky**
  30 min | Grades PreK-3

- **Wonderful Rocket**
  45 min | Grades PreK-3

- **The Sky Tonight**
  45 min | Grades 1 and up

- **Mix & Match**
  45 min | Grades 1 and up

- **Patterns in the Sky**
  45 min | Grades 1-2

- **Solar System Live**
  45 min | Grades 3 and up

- **Sun, Earth, and Moon**
  45 min | Grades 3 and up

- **Stories My Ancestors Told**
  45 min | Grades 3 and up

- **Big History**
  45 min | Grades 6 and up

- **The Universe in Twelve Easy Steps**
  45 min | Grades 7 and up

**Stream Table Workshops**

**Water, Weather and a River Community**

1 hr | Grades K-3 | Limit 30 students

**How Water Shapes the Land**

1 hr | Grades 2-6 | Limit 30 students

**Protecting Our Watersheds**

1 hr | Grades 3-8 | Limit 30 students

These workshops are also available for River Residency programs.

Call (734) 764-0480 to schedule. See the River Residency Programs on ummnh.org for more details.

**How to schedule your program:**

Schedule online by clicking the link at ummnh.org or by phone at (734) 764-0480 (9-5 weekdays).

**You will need:**

- Multiple possible dates and times
- Number of children and adults
- Activities you’d like to schedule
- School address and phone number
- We recommend one chaperone for every ten students.

**Scholarships are available!**

Please contact the Main Office at (734) 764-0480 to ask about availability and how to qualify. Scholarship funds are limited, so call as early as possible.

Thanks to our sponsors for their generous support of 2016-2017 scholarships:

Filmer Memorial Charitable Trust and Helen L. Kay Charitable Private Foundation

**Program Fees**

Note: Teachers are admitted free.

**Program**

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Minimum fee may apply

**Want more details?**

Go to ummnh.org or call (734) 764-0480