



# We Can Bring Raven Hill Discovery Center Programs to You!

- Classroom & library programs
- Hands-on explorations
- Problem-solving activities
- Informal learning
- Engaging sessions



**ANIMALS TO GO** is everyone's favorite. Participants have an opportunity to **learn about and pet or hold exotic animals**, including snakes, lizards and turtles. Observation and comparison skills are emphasized. They are encouraged to **verbalize likenesses and differences between the animals**. Participants also learn some of the natural history of each animal.



**MUSEUM TO GO** targets everyone at all developmental age levels. The program gives participants an opportunity for **hands-on discovery**. MUSEUM TO GO enables everyone to understand their world better. **The program allows people to explore the science of light, sound, motion, magnets, earth and life science in a hands-on way and make connections between science, history and art.**



**UNDER MICHIGAN** takes participants on an exciting trip through geologic time **from the beginnings of our Earth through the ice ages and beyond**. They explore the rocks and minerals of Earth and the fossils of the plants and animals that once lived here. **As part of this program (at an additional cost), arrangements can be made for each person to create their own rock collection or polish a fossil to take home.**



**STEM TO GO** works with groups on STEM (Science Technology Engineering Mathematics) skills with **short, but challenging hands-on activities**. The focus is on different engineering careers. Participants are chosen to "assist" and become specific engineers. **Each person in the group gets a chance to practice creative & critical thinking skills in engineering fields',** such as structural, mechanical, chemical, electrical, civil and aeronautical engineering.

## All Program Pricing Includes Supplies

Half Day - \$300  
Per Hour - \$150

Full Day - \$600  
Mileage is additional cost

ADDITIONAL PROGRAMS  
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# Additional Outreach Programs Available By Request

## PHYSICAL SCIENCE TO GO

Magnets (how they work & uses)  
LASERS (how they work & uses - inside dark classroom)  
Light explorations  
Sound explorations  
Big wheels (simple machines and force & motion)

## CHEMICAL SCIENCE TO GO

To the rim (states of matter)  
Properties of water  
Surface tension  
Properties of air—entertaining “show” (some hands-on)

## LIFE SCIENCE TO GO

Adaptation & natural selection  
Human fur (heat and temperature)  
Circulatory system

## EARTH SCIENCE TO GO

Rock cycle  
Volcanoes  
Earth to home  
Lost on the moon  
Foam rockets to make & launch  
Fossil ID



**HISTORY AND ART PROGRAMS ALSO AVAILABLE UPON REQUEST**

## PROFESSIONAL DEVELOPMENT WORKSHOPS FOR EDUCATORS

To inspire & equip adults with innovative teaching strategies and tools

- STEM and STEAM integration
- Experiential learning
- Hands-on activities
- Practical resources
- Problem-solving
- Critical and creative thinking skills

Raven Hill Discovery Center offers professional development workshops for educators. Sessions encourage educators to embrace innovative teaching methods, foster a deeper connection between science, history and the arts, and promote STEM in the classroom. Entire lessons are modeled with teachers alone or in their classroom with their students. Teachers learn how to incorporate background information, manage students and materials, address misconceptions, experience an actual hands-on lesson, including data collection, discussion and drawing conclusions. Specific connections of the lesson to other subjects, other sciences, the real world and careers help to reinforce learning. Extensions and enrichments are suggested for interested and motivated students to reinforce learning or to use as remedials.

### Mission Statement

Raven Hill provides a place that enhances lifelong learning for all ages that connects science, history & art.

Raven Hill Discovery Center is a 501(c)(3) tax-exempt corporation.

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*Schedule  
Your Event!*

WHERE **SCIENCE** **HISTORY** AND **ART** CONNECT