

To request a specific program time call 734.995.5439 or email [distancelearning@aahom.org](mailto:distancelearning@aahom.org)



## SCIENCE CONNECTION

**E**xperience **live**, interactive Ann Arbor Hands-On Museum programs right in your classroom! Our educators use videoconferencing technology to share science and math activities with your students, engaging them in a dynamic, hands-on learning experience. Program kits sent to individual classroom teachers include nearly everything you need for students' interactive experiments. Kits are yours to keep!

**Your school must have access to videoconferencing equipment to participate in virtual field trips.**

## REGISTRATION

- Dates and times for the Distance Learning programs are scheduled by request
- To schedule a session or for more details, please contact the Distance Learning Manager at **734.995.5439** or email [distancelearning@aahom.org](mailto:distancelearning@aahom.org)
- Programs should be scheduled 3 weeks in advance in order for your kits to be mailed

## PROGRAMS INCLUDE

- A 45-minute interactive program
- A kit with materials for interactive experiments for 30 students
- A Teacher's Guide to prepare you, your classroom and your students for the experience
- Extension activities and resources for further exploration
- All programs address National Science Education Standards and the 2007 Michigan Science Grade Level Expectations

**We can adjust programs to be age-appropriate for your classroom's grade level.**



## BOOK YOUR DISTANCE LEARNING PROGRAM!

Call *Distance Learning Reservations* at 734.995.5439.

### CRITTERS IN THE COLD: GRADES K-2

**Available** 1/6/10–3/31/10 **Cost** \$125

Students will learn about animal adaptations to extreme weather with hands-on experiments and even take a virtual trip to Antarctica. Join us as we learn how animals such as penguins live and have babies during extreme weather.

### HALLOWEEN SLIME TIME: GRADES K-8

**Available** 10/1/09–10/30/09 **Cost** \$125

We will explore our smoky cauldron and mysterious concoctions as we make two types of slime with students. Younger students use their slime to investigate three states of matter. Older students investigate the properties of polymers. Goopy concoctions are perfect for Halloween fun!

### SLIME TIME & THE STATES OF MATTER: GRADES K-8

**Available** 1/6/10–5/31/10 **Cost** \$135

Behave like molecules in solids, liquids and gases. Explore three states of matter by making two types of slime. Older students will learn about the properties of polymers.

### TIME TO MOVE: GRADES 1-2

**Available** 11/9/09–5/28/10 **Cost** \$125

What can a person accomplish in an hour? Experience time through movement, song and working with clocks that you make. Students will learn when to use A.M. and P.M. and relate it to their daily activities. See what activities our friend Joe does in one day and visit us in our special clock room with our animated time pieces.

### WATER WONDERS: GRADES 1-4

**Available** 11/9/09–5/28/10 **Cost** \$125

Why does water behave in certain ways? Go inside a drop of water and examine the structure and behavior of water molecules. Students will explore why things float or sink, how water pressure works and more through a series of hands-on experiments.

### THE FOSSIL RECORD: GRADE 3-5

**Available** 1/5/10–5/31/10 **Cost** \$150

Together we'll take a look at actual fossils and discuss how you can find the clues that they hide and how to interpret their stories that unfolded millions of years ago. Invent your own prehistoric animals, follow along in the story of fossilization, and discuss fossil finds like real paleontologists.

### FRACTION INTERACTIONS: GRADE 3-5

**Available** 3/1/10–5/31/10 **Cost** \$150

It's the fraction game show! Students will find out how much they know about fractions as they work together to survive three rounds while constructing, observing and dancing to solve math problems. Fractions can be fun!

### OWLS FROM THE INSIDE OUT: GRADES 3-6

**Available** 11/4/09–12/16/09 (Wednesdays only) To book at other times contact [distancelearning@aahom.org](mailto:distancelearning@aahom.org)

**Cost** \$200

Get up close to owls as an avian expert from Leslie Science and Nature Center (Ann Arbor, MI) uses **live** birds to compare and contrast the characteristics of different owl species. Learn how owls have adapted to a predatory way of life. Dissect real owl pellets to investigate the diet of a barn owl. Learn about food chains and the role of avian predators in an ecosystem. Gain an introduction to skeletal anatomy and prey identification.



### DISSECTING A COW EYE: GRADES 5-8

**Available** 11/2/09–5/28/10 **Cost** \$175

Get your goggles on! Dissect a cow eye to understand how each structure works together to provide the sense of sight, just like your human eye. After the program, work with your class on a series of optical illusions to see how your eyes and brain work together to bring you visual messages.

*Museum provides cow eyes, gloves and safety glasses (yours to keep); school **must provide** its own dissection tools.*

## SAVE!

**Book 5** or more programs and receive **\$10 off** the price of each program.

**Book 10** or more programs and receive **\$20 off** the price of each program.

