

STONY CREEK METROPARK  
NATURAL SCIENCE  
AND  
HISTORY PROGRAMS

See what we can offer YOUR school!



**STONY CREEK NATURE CENTER**

GET OUT  
and play



4300 MAIN PARK RD.  
SHELBY TOWNSHIP, MI 48316  
PHONE: 586-781-9113

# PROGRAMS AVAILABLE DURING JANUARY, FEBRUARY AND MARCH 2012

Park interpreters are available to present *LOW COST* natural science and history programs for lower and upper elementary students. These programs utilize PowerPoint presentations and *specially selected props* to keep your students engaged! To secure this service for your school, simply complete the enclosed application.

## WHAT YOU GET...

- Up to three presentations (3 separate titles or one repeated up to 3 times) per half-day visit. We can stay a full day and present as many as 6 presentations if necessary.
- *Enthusiastic and highly experienced* program presenters.
- Programs which *enhance* science and history GLCEs.

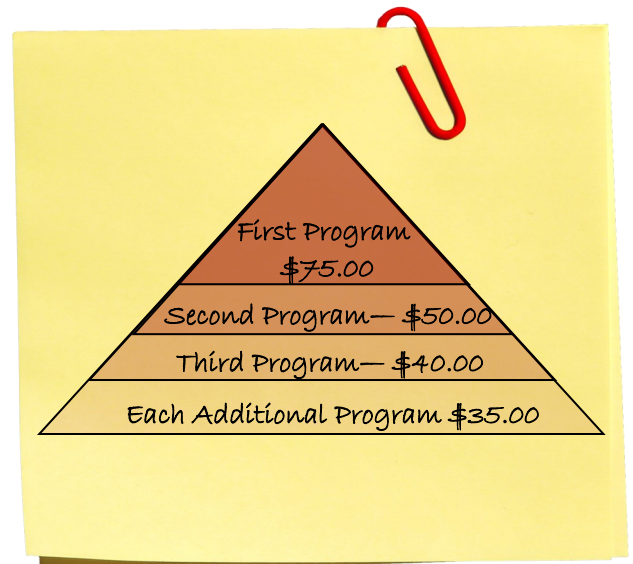


## WHAT WE NEED...

- An audio visual cart, table, screen (or light colored wall) and an extension cord. We will bring a laptop and digital projector.
- A darkened room is a must!

## COST...

\$75.00 for the first program, \$50.00 for the second program, \$40.00 for the third and \$35.00 for each additional program on that same day.



## 2012 PROGRAMS

The following programs include a PowerPoint program with a hands-on demonstration and discussion period. Specially selected props are used to enhance the student's understanding of the topic.

Program Length: One Hour (can be shortened to 45 Minutes if necessary.)

# EARLY ELEMENTARY (K-2ND)

## Winter Wildlife



Do birds migrate because it's too cold? We'll uncover methods animals use for winter survival, such as migration and hibernation as well as adaptations that allow some animals to remain active. Students will have a chance to handle fur, feathers and visit with a live, cold-blooded creature. A professionally recorded CD with four original songs is included with the cost of the program.

*Recommended group size: 25-60 students!*

## Seasons



"Mark from the Park" will take you on a journey from autumn through spring with songs accompanied by PowerPoint and live guitar. This unique program, which invites audience participation, teaches kids about animals and plants getting ready for winter, hibernation, frog calls, and the importance of leaving baby animals alone. The program concludes with a visit from some of Mark's favorite puppet friends. A professionally recorded CD with four of Mark's original songs is included with the cost of the program.

*Recommended group size: 25 to 150 students.*



# MICHIGAN HISTORY (3RD GRADE GLCEs)

## The Lives of the Voyageurs



The strong backs, canoeing skill, and determination of the French Voyageurs brought the explorers, missionaries, traders, and settlers to the land we call Michigan. We'll learn about their daily lives, importance of their contributions, and dress up one of your students like a voyageur!



## The Everyday Lives of the Great Lakes Indians



The Eastern Woodland Culture (1000 B.C. to 1500 A.D.) developed a stable society based on farming, hunting, fishing, and trade. Details of their lives including housing, farming, weapon and tool manufacturing, hunting techniques, and trade will be featured along with actual artifacts.

# ANIMAL CLASSIFICATION (3RD GRADE GLCEs)

## Animals Have Class



Although a mammal seems very different from a reptile, they do have things in common! Well, people are mammals—what could we possibly have in common with a snake? Students will discover the differences and similarities of amphibians, reptiles, birds and mammals. They will get to visit with some living classroom guests as well as having an opportunity to handle furs, bones, and feathers!

# ECOSYSTEMS AND ECOLOGICAL RELATIONSHIPS (4TH GRADE GLCEs)

## The Food Chain goes On and On...



Organisms are related in some odd and surprising ways that go beyond a simple food chain—without spiders, there would be no hummingbirds, and this has nothing to do with food! On the other hand, ants sometimes “farm” aphids for food—a phenomenon that may be observed in our back yard. This program not only provides interesting examples of ecological relationships, but stresses that humans are not separate from this great ecological web. We’ll demonstrate how a food chain is actually a circle and provide some interesting hands-on items.

# ADAPTATION (3RD, 5TH GRADE GLCEs)

## Mother Nature’s Paint Box



Spots, stripes and colors displayed by various animals are actually visual signals that can attract attention or warn and confuse enemies. We’ll examine what makes color, what sees color, and provide examples that illustrate how colors and markings help animals adapt to their environments. Mounted insects, study skins as well as other interesting items will be shared with your students.

Stony Creek Nature Center  
4300 Main Park Rd  
Shelby Township, MI 48316  
586-781-9113  
Mark.szabo@metroparks.com

Please call the Nature Center at 586-781-9113 as soon as possible (preferably by December 1st, 2011). A written confirmation will be mailed/emailed to you. We hope to be visiting your school!

Sincerely,  
Nature Center Staff