



James Clarkson

# Environmental Discovery Center *at Indian Springs Metropark*

• 5175 INDIAN TRAIL, WHITE LAKE, MICHIGAN 48386 • 248-625-6640 • WWW.METROPARKS.COM •

## 2011-2012 School Year – Indian Springs Environmental Discovery Center Homeschool Programs

Do you like spending time in nature and learning about our natural environment? Are you looking for programs that will complement your normal science studies?

The EDC will be leading homeschool classes on the first and third Tuesday of each month from 12:30pm to 3:00pm. These classes are designed for students in three age groups: Ages 7-8, Ages 9-11 and Ages 12 and up. Separate programs for the two older age groups will run simultaneously for the convenience of families with more than one child. The 7-8 year-old age group will meet once a month during the first session time.

Students ages 9-11 and 12 and up may register for the whole month at a cost of \$10.00. December and June have just one program, at a rate of \$5.00. The cost for the monthly 7 and 8 year-old class is \$5.00 per month. The payment for all classes is non-refundable and payable by phone, mail, or in person at the EDC.

Registration begins in August for programs in September through December, and December 1 for programs in January through June. Due to the popularity of these programs, payment must be received within 10 days of registration. Registration will close when each class is full (maximum of 20 students) or one week before the class is scheduled. A waiting list will be kept. For the convenience of those on the waiting list, please call in a timely fashion if you need to cancel.

Each class will consist of a variety of indoor and outdoor activities, including hikes, games, crafts and experiments. Students are expected to arrive on time and to dress for the outdoors (closed-toed shoes, socks, weather gear, insect repellent, etc.). Students should bring a notebook and pencil, as well as a water bottle if desired.

**To register or for further information, please call us at 248-625-7280.**

### Monthly Topics for Homeschool 2011-2012 series at the Environmental Discovery Center

#### Topics for students 7-8 years old:

September 6:	“Sun”tastic	February 7:	Animals in Winter
October 4:	Trees	March 6:	Geology
November 1:	Michigan Logging	April 3:	Mammals
December 6:	Natural & Recycled Crafts	May 1:	Woodland Wildflowers
January 3:	Fun Science Experiments	June 5:	Creativity in Nature

## **Topics for students 9-11 years old and 12 and up:**

### **September**

Session 1: September 6 - Ecosystem Explorations I  
Session 2: September 20- Ecosystem Explorations II

### **October**

Session 1: October 4- For 12 and Up: Environmental Chemistry I  
For 9-11: Fun Science Phenomena I  
Session 2: October 18- For 12 and Up: Environmental Chemistry II  
For 9-11: Fun Science Phenomena II

### **November**

Session 1: November 1- Where in the World are You? – Reading Maps, Making maps,  
Session 2: November 15- Where in the World are You? - GPS (12 and up), Compass (ages 9-11)

### **December (one session)**

Session 1: December 6- Natural and Recycled Craft Workshop (all ages)

### **January**

Session 1: March 6- Energy and Natural Resources I  
Session 2: March 20- Energy and Natural Resources II

### **February**

Session 1: February 7- Winter Ecology – Adaptations of Plants and Animals  
Session 2: February 21- Winter Survival – How Humans can Survive in Extreme Conditions

### **March**

Session 1: January 3- Dendrology I – Tree ID & Forest Facts  
Session 2: January 17- Dendrology II - Trees & Maple Sugaring

### **April**

Session 1: April 3- Species of Special Concern and Biodiversity I  
Session 2: April 17- Species of Special Concern and Biodiversity II

### **May**

Session 1: May 1- Ecosystems Revisited  
Session 2: May 15- Ecosystems Revisited (hike to lake for older students)

### **June (one session)**

Session 1: June 5- Creativity in Nature  
(Get outside for drawing, writing, photography, bring your favorite media or borrow materials from us. Then we'll go outside to be inspired!)