

Please check the date(s) you wish to attend.

**Beginner Explorer Camp** • Entering grades PK-K  
Must be 4 yrs of age by 04.01.12  
\_\_\_ June 11-15 \_\_\_ July 23-27  
\_\_\_ July 30-Aug. 3 \_\_\_ Aug. 6-10

**Intro K-1 Explorer Camp** • Entering grades K-1  
\_\_\_ June 18-22 \_\_\_ July 16-20

**Intro 1-2 Explorer Camp** • Entering grades 1-2  
\_\_\_ July 9-13

**Intermediate Explorer Camp** • Entering grades 2-4  
\_\_\_ June 25-29 \_\_\_ July 16-20

**Advanced Explorer Camp** • Entering grades 4-5  
\_\_\_ Aug. 6-10

**Museum Boot Camp** • Entering grades 6-8  
\_\_\_ Aug. 13-17

**Hack This Camp** • Entering grades 5-7  
\_\_\_ July 16-20

**Harry Potter Themed Camp** • Entering grades 5-8  
\_\_\_ July 30-Aug. 3

**Harry Potter Themed Camp Year II** • Entering grades 6-8  
\_\_\_ July 23-27

**Outdoor Explorer Camp** • Entering grades 4-5  
\_\_\_ June 25-29

**Ecology Explorer** • Entering grades 3-4  
\_\_\_ July 9-13

**Advanced Ecology Explorer** • Entering grades 5-7  
\_\_\_ Aug. 20-24

Summer Camps at Cranbrook Institute of Science are proudly sponsored by:

DTE Energy Foundation  
The Merle & Shirley Harris Family Foundation  
Fred A. and Barbara M. Erb Family Foundation  
The Kresge Foundation  
MASCO Corporation Foundation

**Before & After Camp Care**  
Please check those that apply.

**7:30am - 9:30am** • All Week \_\_\_  
Mon. \_\_\_ Tues. \_\_\_ Wed. \_\_\_ Thurs. \_\_\_ Fri. \_\_\_

**4pm - 6pm** • All Week \_\_\_  
Mon. \_\_\_ Tues. \_\_\_ Wed. \_\_\_ Thurs. \_\_\_ Fri. \_\_\_

**7:30am - 9:30am & 4pm - 6pm** • All Week \_\_\_  
Mon. \_\_\_ Tues. \_\_\_ Wed. \_\_\_ Thurs. \_\_\_ Fri. \_\_\_

### Registration is Easy!

To secure your child's reservation in our camp programs, full payment per child, per camp, must accompany your registration form. You will receive a confirmation packet within two weeks of registration.

### Registration Options:

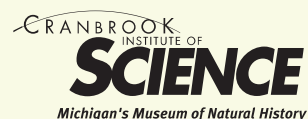
**MAIL:** Mail the registration form and payment to: Science Explorer Camps  
Cranbrook Institute of Science • P.O. Box 801 • Bloomfield Hills, MI 48303-0801

*Make checks payable to: Cranbrook Institute of Science*

**PHONE:** 248 645.3210. Discover, Visa and MasterCard are accepted. Please have the registration form completed when calling.

**FAX:** Fax this form with your credit card number to 248 645.3050.

**ONLINE:** <http://science.cranbrook.edu>



Cranbrook Educational Community  
39221 Woodward Ave. • P.O. Box 801  
Bloomfield Hills, MI 48303  
<http://science.cranbrook.edu>

Non-Profit Org.  
U.S. Postage  
PAID  
Permit No. 429  
Royal Oak, MI

### Registration Form Fill out a separate form for each child; be sure to include all requested information. Make copies of completed form for your records.

Parent or Guardian Name \_\_\_\_\_

Mailing Address \_\_\_\_\_

City State/Zip \_\_\_\_\_

Home Phone \_\_\_\_\_ Work/Cell Phone \_\_\_\_\_

Email \_\_\_\_\_

Emergency Contact Name \_\_\_\_\_

Emergency Phone \_\_\_\_\_

Are you an Institute Member? \_\_\_\_\_ If so, what is your Member number? \_\_\_\_\_

Camper Full Name \_\_\_\_\_ Gender \_\_\_\_\_

Grade Entering Fall 2012 \_\_\_\_\_ Allergies \_\_\_\_\_

Health Considerations \_\_\_\_\_

Childs T-shirt Size \_\_\_\_\_

Circle One: Youth X Sm. 2-4 Youth Sm. 6-8 Youth Med. 10-12 Youth Lg. 14-16 Adult Sm. Adult Med.

Adult Lg. Adult X Lg. One T-shirt is provided.

I am enclosing full payment per child, per camp, with this reservation form or providing approval for you to charge my credit card.

(Circle One) Discover Visa MasterCard Card Number \_\_\_\_\_

Name as it appears on the card \_\_\_\_\_ Expiration Date \_\_\_\_\_

Signature \_\_\_\_\_ Date \_\_\_\_\_

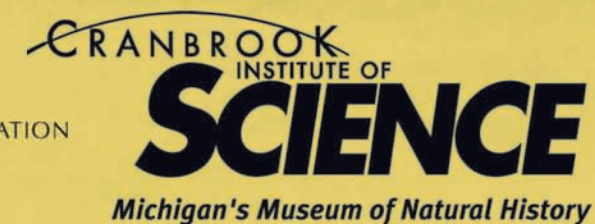
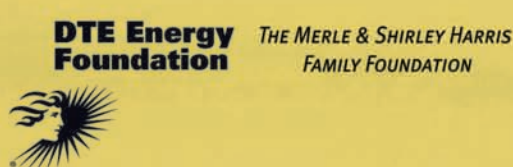
Refunds and Cancellations: Refunds less a \$100 processing fee will be made if your cancellation is received at least three weeks (21 days) prior to the beginning of the scheduled session. Refunds of before and after care fees will only be made if the cancellation is given prior to the start date of your child's camp.

**NEW CAMPS!**

# 2012 SCIENCE EXPLORER CAMP



Summer Camps at Cranbrook Institute of Science are proudly sponsored by:



**REGISTRATION BEGINS  
MONDAY, FEBRUARY 20, 2012**

<http://science.cranbrook.edu>

248 645.3210

**Except for Beginner Explorer, all Camps run 9:30am-4pm each day.**

### Beginner Explorer Camp PK-K

(Entering PK-K or Age 4 by 4.1.12)  
June 11-15 • July 23-27 • July 30-Aug. 3  
Aug. 6-10 • 9:30am - 1pm  
\$250 members/\$300 non-members per week

Bugs, dinosaurs and chemistry experiments are just some of the things your young scientist will be involved in during this activity based camp. We'll explore the campus, use microscopes, investigate energy and a lot more as we wander through the wonderful world of science.

### Intro Explorer Camp K-1

(Entering grades K-1) • June 18-22 • July 16-20

### Intro Explorer Camp 1-2

(Entering grades 1-2) • July 9-13  
\$315 members/\$350 non-members per week

Is your camper ready for more interaction and investigation? Then our Intro Science Explorer Camps are right for them! Campers will learn to create scientific masterpieces, hone their skills as paleontologists, travel through the solar system and discover the pressure of air, all in an age-appropriate environment.



### Intermediate Explorer Camp

(Entering grades 2-4) • June 25-29 • July 16-20  
\$315 members/\$350 non-members per week

Curious campers wanted! Intermediate Explorer campers must be ready to investigate the mysteries of the universe, including the awesome properties of minerals, the latest findings about dinosaurs, and how robots work, all in a whirlwind of science activities. A visit to the planetarium, incredible physics demonstrations, and science challenges are all part of this fun-filled week.



### Advanced Explorer Camp

(Entering grades 4-5) • Aug. 6-10  
\$315 members/\$350 non-members per week

Build a simple motor, create chemical reactions and discover microscopic life and more in our Advanced Explorer camp. Campers will enjoy educational activities from a variety of sciences from physics to chemistry and astronomy to biology. Using Institute resources, campers will be challenged to apply their knowledge in new ways to greater develop their interest in the natural world.



### Museum Boot Camp

(Entering grades 6-8) • Aug. 13-17  
\$415 members/\$450 non-members per week

If your camper loves the Institute and is ready to see how a museum runs behind the scenes, then this camp is sure to please. Each day will be spent with different staff working on exhibits, collections, public relations and more. Attendees will prepare fossils with the Institute's paleontologist as well as receive a private tour of the mineral collection. The week concludes with a special activity with the Director as he takes the campers into the world of the Ph.D. field archaeologist.



### Hack This Camp

(Entering grades 6-8) • July 16-20  
\$525 members/\$575 non-members per week

Ever take something apart to make it better? Interested in electronics, robotics, projectiles, microprocessors or synthesized music? Then hack this camp! Join the maker movement by learning the fundamentals of electronics, mechanics and programming in order to compete with sumo-wrestling robots, build a one-string electronic guitar, and unleash the power of the Arduino. Campers will take home many projects and the ability to say "I know how that works!"



### Harry Potter-Themed Science Camp

(Entering grades 5-8) • July 30-Aug. 3  
\$390 members/\$425 non-members per week

Join the professors from The Cranbrook Institute of "Nature and Methodology" as you explore the science behind the Harry Potter series of books and movies. "Nature and Methodology" is an interdisciplinary camp that incorporates math, science and the popular game of Quidditch to reflect elements of the Harry Potter series. Students will be sorted into "houses" to study such topics as Potions, Astronomy, Care of Magical Creatures, and Herbology.

### Harry Potter -Themed Science Camp Year II

(Entering grades 6-8) • July 23-27  
\$390 members/\$425 non-members per week

Return to The Cranbrook Institute of "Nature and Methodology" for another exciting week exploring the science behind the Harry Potter series. "Nature and Methodology" is an interdisciplinary camp that incorporates math, science, physical education and more. Reunite with your fellow housemates to continue your studies in Potions, Charms, and Transfiguration. You will also sign up for elective classes such as Divinations and Muggle Studies. Play against the other houses in the Quidditch Cup and compete again for the House Championship.

### Outdoor Explorer Camp

(Entering grades 4-5) • June 25-29  
\$315 members/\$350 non-members per week

Campers discover how challenging living in the wild can be while developing the skills necessary to live outdoors. Tracking animals, identifying plants, and navigating in the woods are just some of the topics explored in this exciting camp. During the week, campers also try archery, bird watching, canoeing and other fun outdoor activities.



### Ecology Explorer Camp

(Entering grades 3-4) • July 9-13  
\$315 members/\$350 non-members per week

What is an ecosystem? How do plants and animals interact among one another and their communities? What are the most current issues and concerns among Michigan's water habitats? Campers discover the answers to these questions and more as they explore 319-acres of river, pond and woodlands at Cranbrook. Get ready to discover the natural world with some good, old-fashioned summer camp fun! *Ecology camps are made possible by The Merle & Shirley Harris Family Foundation.*



### Advanced Ecology Explorer Camp

(Entering grades 5-7) • Aug. 20-24  
\$315 members/\$350 non-members per week

Through games and activities, the outdoors will become a classroom as we take ecology to the next level with this environmentally-focused camp. Campers will canoe the Huron River during a field trip to explore unique wetlands and wildlife, and will investigate riverine habitats and current environmental issues using models and hands-on projects.



*Ecology camps are made possible by the The Merle & Shirley Harris Family Foundation.*

### Before & After Camp Care

Available for all full-day camps.  
For Beginner Explorer camps, **ONLY** Before Care is available.

**7:30am - 9:30am**  
\$20 per day/\$100 per week

**4pm - 6pm**  
\$20 per day/\$100 per week

**7:30am - 9:30am & 4pm - 6pm**  
\$40 per day/\$200 per week

*A fee of \$20 will be charged per child for every 15 minutes the child is left in the care of camp staff or after care staff beyond their scheduled departure time.*