

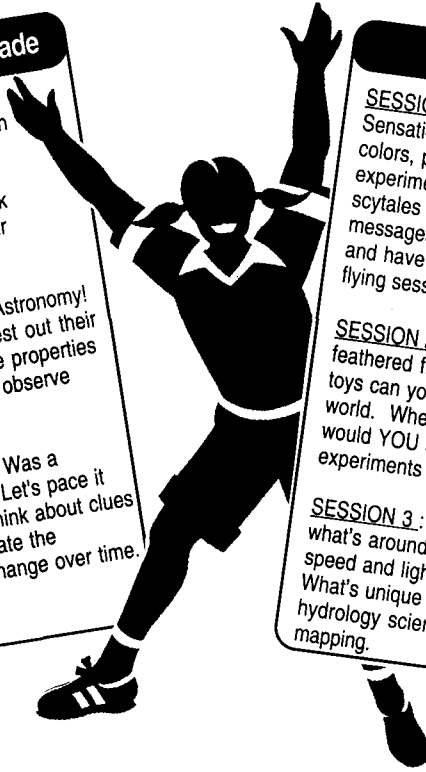
# HANDS ON SCIENCE SUMMER PROGRAM 2008

## Fun for children entering Kindergarten or 1st Grade

**SESSION 1: ALL ABOUT ME** - We'll make a life size skeleton of ourselves. Use movement, games, music and science experiments to see how the parts and systems of our body "machines" work together. Identify body structures and think about what they do. We'll pay close attention to the way our senses provide us with information about our environment.

**SESSION 2: MY ENVIRONMENT** - Botany! Geology! Astronomy! Hydrology! Separate rocks by their characteristics and test out their writing qualities. Do water play so that we think about the properties of this important liquid. We'll follow things that crawl and observe plant growth like the young scientists that we are.

**SESSION 3: MY WORLD, PAST AND PRESENT** - Was a dinosaur as big as a schoolroom? A playground field? Let's pace it out. These creatures from the past intrigue us as we think about clues that are left behind. We'll simulate fossils and investigate the interaction of soil, plants, animals and water as they change over time. What can we do about pollution and conservation?



## Fun for children entering 2nd or 3rd Grade

**SESSION 1: EXPLORIFIC!** - Spectrafun, Connectivity and Sensational Sonics packed into one session! How can mirrors, colors, paper and string turn into magic tricks from science experiments? Can you find ways to untangle the mysteries of scytales and Egyptian hieroglyphics and send and receive secret messages? Sail the sound waves with thunder clappers and whistles and have fun creating helicopters, parachutes and kites in this high flying session.

**SESSION 2: EARTHWINGS** - Look up! How do our fine feathered friends differ from airborne technology? How many flight toys can you make and how do they compare? This world is your world. Where does stuff come from and where does it go? How would YOU solve the garbage dump problem? Use games and experiments to test your ideas.

**SESSION 3: TURF SURFING** - Look down! You wouldn't believe what's around on the ground--and under. Learn about worms in speed and light experiments. What about other animals and plants? What's unique about your class site? Go with the flow! Become a hydrology science detective by testing, filtering, analyzing and mapping.

**\$120 per session. Classes meet Monday through Friday from 9 a.m. to 12 noon. No class July 4th.**

### Locations:

Cedar Grove ES: 24001 Ridge Road, Germantown 20876  
Luxmanor ES: 6201 Tilden Lane, Rockville 20852  
Olney ES: 3401 Queen Mary Drive, Olney 20832  
Rachel Carson ES: 100 Tschiffely Square Road, Gaithersburg 20878  
Sligo Middle School: 1401 Dennis Avenue, Silver Spring 20902

Sites pending final approval by ICB. Please do not call the schools as they have no further information. For questions call the Hands On Science Program office at (301) 929-2330 (9 a.m. - 4:30 p.m. daily).

### How do I enroll my child?

1. Complete registration form at right -- include any requests for room assignments with friends
2. Make check in full payable to: **MCCPTA-EPI HOS**  
(Separate checks for each child, please)
3. Mail registration form, check and self-addressed envelope to:

Hands On Science Summer Program  
12118 Heritage Park Circle  
Silver Spring, MD 20906

Confirmations will be mailed after April 30. Classes are limited to 15 children with one Adult Leader and one teen intern. We reserve the right to cancel classes for insufficient enrollment. There are **NO REFUNDS** unless a class is cancelled due to insufficient enrollment or a class is relocated. Photos, video recordings of the children and children's comments may be used for publicity/research purposes. Please be aware that any safe and ordinary materials can be unsafe when not used as intended. Air conditioning is not guaranteed. Adult Leaders are not responsible for children before or after class. We reserve the option of requiring the withdrawal without a refund of any child whose inappropriate behavior prevents the class from proceeding constructively despite the efforts of staff and parents. The Hands On Science Program does not discriminate on the basis of race, color, national or ethnic origin in administration of its educational policies. Limited financial assistance is available. Hands On Science does not provide transportation.

This project was supported, in part by the National Science Foundation  
Opinions expressed are those of the authors and not necessarily those of the Foundation

### REGISTRATION FORM

NAME OF CHILD \_\_\_\_\_ SEX \_\_\_\_\_

PARENT'S NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

ZIP \_\_\_\_\_

PHONE (H) \_\_\_\_\_ (W) \_\_\_\_\_

CHILD'S BIRTHDAY \_\_\_\_\_ GRADE IN FALL OF 2003 \_\_\_\_\_

**PLEASE CHECK (✓) THE SESSION(S) YOU HAVE SELECTED:**

\_\_\_ SESSION 1 (JUNE 23 - JULY 3)

\_\_\_ SESSION 2 (JULY 7 - JULY 18)

\_\_\_ SESSION 3 (JULY 21 - AUGUST 1)

**LOCATION:** (Choose from schools listed) \_\_\_\_\_

TOTAL FEE ENCLOSED \_\_\_\_\_

EMERGENCY CONTACT \_\_\_\_\_ PHONE \_\_\_\_\_

Please list any special medical conditions (allergies, medications) and/or physical limitations.  
\_\_\_\_\_  
\_\_\_\_\_

I give permission to (name of child's school as of Fall 2003) \_\_\_\_\_ to release my child's health information to Hands On Science in case of emergency, if needed. My signature also serves as a release to Hands On Science in the event that no adult above can be reached for necessary medical treatment permission.

PARENT/GUARDIAN SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

E-mail: \_\_\_\_\_