

## Welcome to Robotics and Nature Camp 2009

This year we will be offering Robotics and Naturetown camp for both Kindergarten and Preschool aged kids, and 1st - 3rd grade aged kids. Lego Robotics camps are offered for 4th-8th grades students, and VEX Robotics camps are offered for High School aged students. As always, this year will once again be a collaboration between Carnegie Mellon's Robotics Academy and the Sarah Heinz House Boys and Girls Club located at One Heinz Street, Pittsburgh, PA, 15212.

**NATURETOWN Camps** explore the natural wonders right around town: the sidewalk, backyard, parks and the immediate region. Through drama, songs, interactive models, discovery of living creatures and use of agricultural gardens the kids will gain knowledge, respect and gain appreciation for their natural world.

Some of the themes will be habitats, mammals, reptiles, soil, insects and urban adaptations.

Children will have the opportunity to hold a snake or millepede. Dig in the soil, plant, harvest and taste. Hike outdoors and explore indoors in Discovery Space.

**Robotics Camps** will allow students to use their logical skills at building and programming a lego robot. Younger students will focus on the concept of what is a robot, and how does it work. While older students will focus on programming the robot to complete specific tasks using sensors. All students will get to experience the engineering process from conception of an idea to completion of a challenge. Students will ultimately be asked to test their newfound abilities in competitions or brainstorming activities.

**Both Camps** will focus on the social skills of sharing, teamwork, and brainstorming, as well as the important skills of logic and problem solving. Throughout both camps students will be asked to document their findings and new understandings of science itself!

**These camps are all about new and exciting, interactive experiences!**

There will be **two half-day preschool camps**. One camp will be from 10 a.m. to 12:30 p.m. and the other from 1:30 p.m. until 4 pm. There will be about one hour of Robotics and technology and one hour of nature and general science each day. A snack will be provided to each child each day. The week will end with a small awards ceremony. **Cost is \$75.00 per child.**

**All full day camps** will run from 10 am until 4 pm. Each child will have lunch provided each day. Pre-care, beginning at 8:00 a.m. and post-care, ending at 5:00 p.m. is available for all full day campers at \$1.00 per hour per child. Post care from 5:00pm until 5:30pm is available for 5\$ extra. (All pre/post care money to be paid daily) Please note that pre-care and post-care is not available for preschool campers

There will be an awards ceremony at the end of each camp.

**The cost for all full-day camps is \$75 for members of the Sarah Heinz House and \$150 for non-members.**

Half day camps for preschoolers are limited to 15 children per session. Applications will be accepted as they are received until the camps are full. Full day camps are limited to 24 children per session.

To register for RoboCamp/Naturetown Camp 2009 please either register online, with payment done via PayPal, or register at the Sarah Heinz House. Sarah Heinz House hours are: weekdays 6 am -9pm, Saturdays 9 am -3pm. For more information please call (412) 231-2377.

If you are planning on registering in person please complete the following forms and bring them to the Sarah Heinz House.

**Checks should be made out to Sarah Heinz House.**

Any questions concerning the camps should be directed to Christine Nguyen, at the Sarah Heinz House at [nguyen@sarahheinzhouse.com](mailto:nguyen@sarahheinzhouse.com).

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ROBOCAMP/NATURETOWN CAMP APPLICATION  
**Half Day – Preschool Camps**

Sarah Heinz House  
Boys & Girls Club  
One Heinz Street  
Pittsburgh, PA 15212  
(412) 231-2377

\_\_\_\_\_ Circle One: Male Female  
Last Name of Participant First Name

Robotics Session:

June 22<sup>nd</sup> – June 26<sup>th</sup> [ ] Morning Session (10 a.m. – 12:30 a.m.)

June 22<sup>nd</sup> – June 26<sup>th</sup> [ ] Afternoon Session (1:30 p.m. – 4:00 p.m.)

Age \_\_\_\_\_ Date of Birth \_\_\_\_\_

School \_\_\_\_\_ Grade \_\_\_\_\_ (Sept. '09)

Home Phone \_\_\_\_\_ Cell Phone \_\_\_\_\_

E-Mail Address \_\_\_\_\_

Home Address \_\_\_\_\_ City, State, Zip \_\_\_\_\_

Name of Parent or Guardian at Home \_\_\_\_\_

Relationship (Parent, Grandparent, etc.) \_\_\_\_\_  
(ADULTS: Provide Emergency Contact Info – Name and Phone)

Emergency Contact \_\_\_\_\_ Relationship \_\_\_\_\_ Phone \_\_\_\_\_

Allergies / Medications \_\_\_\_\_

Medical Conditions \_\_\_\_\_

Dietary Restrictions \_\_\_\_\_

I understand that if the camper is not a member of Sarah Heinz House, he/she can only participate in the special program listed above. Camp staff is not permitted to dispense medications.

\_\_\_\_\_  
Parent/Guardian Signature

ROBOCAMP/NATURETOWN CAMP APPLICATION

**Full Day Camps**

Sarah Heinz House  
Boys & Girls Club  
One Heinz Street  
Pittsburgh, PA 15212  
(412) 231-2377

Circle One: Male Female

\_\_\_\_\_

Last Name of Participant

\_\_\_\_\_

First Name

Robotics Session:

June 29<sup>th</sup> – July 3<sup>rd</sup>: [ ] 1st - 3rd Grade  
July 6<sup>th</sup> – July 10<sup>th</sup> [ ] 4th - 8th Grade  
July 13<sup>th</sup> – July 17<sup>th</sup> [ ] 4th - 8th Grade  
July 20<sup>st</sup> – July 24<sup>th</sup> [ ] 4th - 8th Grade  
July 27<sup>th</sup> – July 31<sup>st</sup> [ ] 4th - 8th Grade  
Aug. 3<sup>th</sup> – Aug. 7<sup>th</sup> [ ] 9th - 10th Grade  
Aug. 10<sup>th</sup> – Aug. 14<sup>th</sup> [ ] 9th - 10th Grade

Age \_\_\_\_\_ Date of Birth \_\_\_\_\_ Current member of SHH: Yes [ ] No [ ]

School \_\_\_\_\_ Grade \_\_\_\_\_ (Sept. '09)

Home Phone \_\_\_\_\_ Cell Phone \_\_\_\_\_

E-Mail Address \_\_\_\_\_

Home Address \_\_\_\_\_ City, State, Zip \_\_\_\_\_

\_\_\_\_\_  
Name of Parent or Guardian at Home \_\_\_\_\_

Relationship (Parent, Grandparent, etc.) \_\_\_\_\_

(ADULTS: Provide Emergency Contact Info – Name and Phone)

Emergency Contact \_\_\_\_\_ Relationship \_\_\_\_\_ Phone \_\_\_\_\_

Allergies / Medications \_\_\_\_\_

Medical Conditions \_\_\_\_\_

Dietary Restrictions \_\_\_\_\_

I understand that if I am not a member of Sarah Heinz House, I can only participate in the special program listed above. Camp staff is not permitted to dispense medications. If I am of school age, then I must provide my own signature AND that of my parent/guardian below.

\_\_\_\_\_

Camper Signature

\_\_\_\_\_

Parent/Guardian Signature

Sarah Heinz House  
Boys & Girls Club  
One Heinz Street  
Pittsburgh, PA 15212

**RoboCamp/NATURETOWN Camp 2009**

**RELEASE FROM LIABILITY**

I, \_\_\_\_\_, am the parent or legal guardian of \_\_\_\_\_ (“Participant”). In consideration for Participant’s participation in a Program being held at the Sarah Heinz House (“SHH”), I as Participant’s legal guardian, on behalf of Participant, his/her heirs, executors, and administrators, hereby voluntarily, irrevocably, and unconditionally release and hold harmless Carnegie Mellon University (“CMU”), the National Robotics Engineering Center (“NREC”) and SHH, their respective trustees, officers, employees, agents and assigns (hereinafter Releasees”), from any and all manner of claims, actions or causes of actions, whether related to or arising from the negligence of Releasees or otherwise, arising from or in connection with Participant’s participation in the Program, including, but not limited to arising from Participant’s presence on the premises of CMU, the NREC or the SHH or the Participant being transported to or from or travelling to or from the premises of CMU, the NREC or the SHH. This release includes but is not limited to claims of active or passive negligence, product liability, personal injury, death or damage to property or violation of any laws or regulations.

\_\_\_\_\_  
Participant’s Name

\_\_\_\_\_  
Parent or Guardian’s Signature

\_\_\_\_\_  
Date

Free Lunch Program (Full Day Camps Only)

Each day for the week your child will be able to participate in a free lunch program. Lunches look similar to typical school lunches. Each meal meets government guidelines for a nutritious meal. Every meal will consist of 1 meat or meat alternative, 2 fruits/vegetables, a starch, and a carton of milk. Campers with food allergies will be accommodated. Students are also able to bring a bagged lunch if they do not wish to participate in the free lunch program. Children participating in the free lunch program will be asked to receive a meal each day so that we do not waste food. Those children must take everything that is offered in the lunch, including the milk. They, of course, will not be made to eat all of the food they are given, but they must take a bit of everything served. Children who choose not to participate in the free lunch program are asked to please bring a bagged lunch to eat during lunch times, and will not be able to receive free lunch any day. Please choose the option that best fits your child, and turn in the bottom slip with your camp application.

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Camper's Name \_\_\_\_\_

Camp Dates: \_\_\_\_\_

Parent's Name \_\_\_\_\_

\_\_\_\_\_ My child WILL BE PARTICIPATING in the free lunch program, and will receive a free lunch each day

\_\_\_\_\_ My child WILL NOT BE PARTICIPATING in the free lunch program, and will pack a bagged lunch each day

Signed : \_\_\_\_\_

Date: \_\_\_\_\_

Food Allergies (if participating):