

## Welcome to Robotics and Nature Camp 2008

It's with great pleasure that we announce RoboCamp 2008, but this year with a twist! Robotics camp will be teaming with NATURETOWN to provide a totally science experience. 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!**

**Week-long RoboCamps/NATURETOWN Camps** will be held for four different age groups: 4 & 5 year olds, 6 – 8 year olds, 9 – 11 year olds and 11 – 13 year olds.

There will be **two half-day preschool camps** during the week of **June 16-20**. 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.**

A one week camp for **6 – 8 year old** children will be held during the week of **June 23-27**. Campers will participate in Robotics and technology activities as well as science and nature activities. There will also be swimming opportunities. This camp will run from 10am until 4pm.

Two one-week camps for **9 – 11 year old** children will be held during the weeks of **July 14-18**, and **July 21-25**. Campers will participate in Robotics and technology activities as well as science and nature activities. There will also be swimming opportunities. These camps will run from 10am until 4pm.

Three one-week camps for **11 – 14 year old** children will be held during the weeks of **July 7-11**, **July 28-August 1** and **August 4-8**. Campers will participate in Robotics and technology activities, only. There will be no science or nature. There will also be gym and swimming activities. These camps will run from 9am until 4pm.

**All full day camps** 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. 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.

**Applications** for full day camps will be **accepted on the following schedule:**

- Member of the Sarah Heinz House will have first choice of camps. Their applications will be accepted on Tuesday and Wednesday, March 25 & 26, 2008.
- Campers returning from last year's camps will have the second choice of camps. Their applications will be accepted on Thursday, March 27, 2008.
- On Friday, March 28, 2008, all open slots will be filled on a first come – first served basis.

If you are planning to send your child to RoboCamp/NATURETOWN Camp 2008, complete the forms accompanying this announcement. The completed Application and Release from Liability, along with payment in full, should be mailed to Christine Nguyen, Technology Director, Sarah Heinz House, One Heinz Street, Pittsburgh, PA 15212. **Checks should be made out to Sarah Heinz House.**

You will be notified by postcard when your child is accepted.

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

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 16<sup>th</sup> – June 20<sup>th</sup> [ ] Morning Session (10 a.m. – 12:30 p.m.)

June 16<sup>th</sup> – June 20<sup>th</sup> [ ] Afternoon Session (1:30 p.m. – 4:00 p.m.)

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

School \_\_\_\_\_ Grade \_\_\_\_\_ (Sept. '08)

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 23<sup>rd</sup> – June 27<sup>th</sup> [ ] 6 – 8 Year Olds  
July 7<sup>th</sup> – July 11<sup>th</sup> [ ] 11 – 14 Year Olds  
July 14<sup>th</sup> – July 18<sup>th</sup> [ ] 9 – 11 Year Olds  
July 21<sup>st</sup> – July 25<sup>th</sup> [ ] 9 – 11 Year Olds  
July 28<sup>th</sup> – August 1<sup>st</sup> [ ] 11 – 14 Year Olds  
Aug. 4<sup>th</sup> – Aug. 8<sup>th</sup> [ ] 11 – 14 Year Olds

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

School \_\_\_\_\_ Grade \_\_\_\_\_ (Sept. '08)

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 2008**

**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.

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Participant’s Name

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Parent or Guardian’s Signature

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Date

## Free Lunch Program

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):