

SCIENCE TECHNOLOGY ENGINEERING MATH

at **HORIZONS YOUTH PROGRAM**
Presented by **SELF International, Inc.**



After School Program: The Horizons Youth Program is an afterschool enrichment program for inner-city youth ages 5-14. The new STEM component will include an array of hands-on learning activities in science and engineering and technology led by SELF International, Inc. Students expand reading, vocabulary, and math skills and explore cutting edge science and engineering. Research is conducted in the computer lab. The program runs daily during the school year, Monday through Thursday at Sabathani Community Center.

NanoDays: NanoDays is a nationwide festival of educational programs about nanoscale science and engineering and its potential impact on the future. NanoDays events are organized by partners in the Nanoscale Informal Science Education. Network, (N.I.S.E. Net) and take place at over 200 science museums and research centers and universities across the country. Nanoscience engages people of all ages in learning about this emerging field of science, which holds the promise of developing revolutionary materials and technology. The Science Museum of Minnesota supports the NanoDays events at Sabathani Community Center. The entire community is invited to participate in the NanoDay event at Sabathani on April 6, 2013, from 1:00—5:00 PM.

Summer Enrichment Program: For 9 weeks in the summer, students immerse themselves in academic enrichment activities offered from 9:00 a.m.–2:00 p.m. with a half hour lunch break at 12:30 p.m. During the morning rotations, participants receive academic instruction and support in the areas of STEM, reading, math, writing, and computer lab geared to their age and level of achievement. After lunch the students participate in arts and crafts, physical fitness, computer lab, and a variety of fun activities like chess and other games. Field trips to museums, the University, skating, swimming and more are scheduled throughout the summer. This program is open to students ages 5—14.

GirlsInSTEM and Lego Robotics: Having fun in science and engineering can lead to successful careers and jobs in the 21st century. Students join an after school club to have “hands on” experience exploring their own creativity in these activities. Mentors give guidance and support for students. Activities will lead to state competitions in robotics and science fairs. Open to students ages 10—17.

