

NEW!

Hooked on Science Summer Design Challenge

Engineering and Science for Girls and Boys ages 13 to 16

The Concord Education Fund and Concord-Carlisle Adult & Community Education have teamed up with the **Museum of Science National Center for Technological Literacy (NCTL)** and **WGBH Design Squad** to offer a fun, challenging, summer engineering and science experience for middle and high school students. *Hooked on Science* welcomes curious minded young adults to join this exciting team-based, hands-on workshop. All programs take place at Concord-Carlisle High School.



The Program:

- * Modeled after the WGBH Design Squad TV series.
- * Learn practical science; master technical challenges.
- * Transform raw materials into full-scale inventions.
- * Go on fun field trips to relevant places.
- * Choose from three, one-week, full-day sessions.

The Faculty Team:

- * Led by **Doug Shattuck**, Engineer and Applied Technology teacher at Concord Middle School.
- * Assisted by **Sharon Stagers-Moss** and other science/technology educators.

#1 Gravity & Momentum: Summer Toboggan

July 11 - 15 9 AM - 4 PM #1531

- * Tackle new skills, thrills, and spills in a summer toboggan.
- * Learn to control vehicle forces: thrust, drag, lift, weight.
- * Investigate physics on rides at Canobie Lake Park.

#2 Hydro-Power: Cardboard Canoe

July 18 - 22 9 AM - 4 PM #1532

- * Build a water-worthy cardboard canoe.
- * Master buoyancy, flotation, material strength, and saturation.
- * Fabricate and race a cardboard canoe on the Concord River.
- * Take a day-long canoe trip on the Ipswich river.

#3 Science & Sculpture: Big Bugs

July 25 - 29 9 AM - 4 PM #1533

- * Examine "big bugs" and become an amateur entomologist.
- * Design, sculpt, and display giant insect statues.
- * Scavenge the natural environment for artistic inspiration.
- * Visit Franklin Park Zoo and the Museum of Science.



Fees:

Tuition for each session is \$600 and includes a boxed lunch, a field trip with transportation, and all materials. Scholarships are available based on need and availability.

To Register:

Contact C-C Community Education at 978-318-1432 or visit www.ace.colonial.net