

Apprentice Engineering for Kids

Spring 2017—Session 1

Environmental and Chemical Engineering: Mix it Up and Go Green!

During the Chemical Engineering classes, students use the Engineering Design Process to design, create, test, and refine various mixtures and solutions with different chemical properties. They develop solutions to clean up an oil spill, synthesize their own rocket fuel, and investigate the secrets behind color pigmentation. During the Environmental Engineering classes, students use the Engineering Design Process to design, create, test, and refine basic solutions related to alternative energy and environmental issues. They learn principles behind crafting efficient wind-powered machines and discover how those machines can be used to help reduce the use of fossil fuels. During the culminating project, students test different materials to discover which ones most effectively clean up after an oil spill.

Who: Boys and Girls Ages 8—12
Monroe Twp. Residents Only

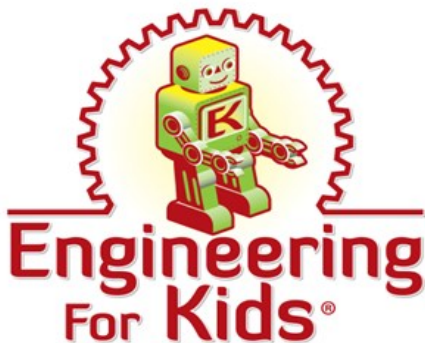
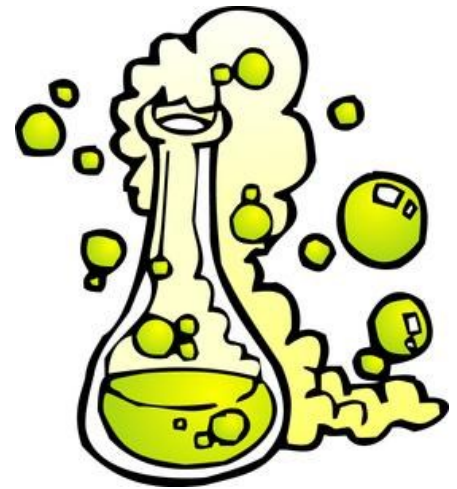
Where: Monroe Township Community Center

When: Mondays
April 24 May 1, 8, 15, 22 June 5

Time: 4:15pm—5:45pm

Fee: \$150 - Make check payable to: Engineering for Kids

Registration can be done online at register.communitypass.net—All checks or money orders must be mailed or dropped off to the Community Center no later than 1 week prior to start of program: 120 Monmouth Road, Monroe Township, NJ 08831



Register online at
register.communitypass.net/monroetownship
or at the
Monroe Township Community Center.
Open 7 days a week, 8:00am-9:00pm

Any questions, please contact: Monroe Rec. Center 732-723-5000

Photo Policy—By registering you/your child you give permission for photos to be taken that may be used by the township or invited media. If you do not wish you/your child to be included in such photographs, you must submit this request in writing with your registration.