

Apprentice Engineering for Kids



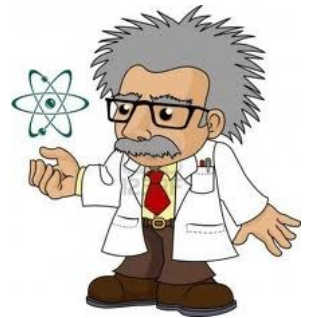
Fall 2017—Session I

APPRENTICE ELECTRICAL and INDUSTRIAL ENGINEERING CLUB - 90' CLASS

ELECTRIFIED: During the Electrical Engineering classes, students use the Engineering Design Process to design, create, test, and refine basic electronics and circuits. Students experiment with Snap Circuits to discover the capabilities of major electronic components. In addition, students build their own flashlights and explore the world of magnetic energy by building their own Magnetic Levitation vehicle.

A-LINE PRODUCTION: During the industrial Engineering classes, students use the Engineering Design Process to design, create, test, and refine efficient systems for production. Students explore foundational concepts of industrial engineering such as: assembly lines, safety, stamping, sorting and distributing materials. Students see just how fun and creative industrial engineering can be as they create their own ice cream factory and 3-D copies of designs.

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



Where: Monroe Township Community Center

When: Mondays
October 2, 9, 16, 23 November 6, 13 (no class 10/30)

Time: 4:15pm—5:45pm

Fee: \$150 - 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.