

Registration Form:

Please submit one form per student and print clearly.

Student Name: _____

Parent Name: _____

Current School: _____

Current Grade: _____

Address: _____

Phone: _____

Emergency Contact: _____

Emergency Number: _____

Health Concerns/Allergies: _____

Payment: We accept Money Orders **made payable to Quincy Public Schools** or credit cards. Personal checks are not accepted. Payments should be mailed to **Quincy Public Schools, 159 Burgin Parkway, Quincy, MA 02169, Extended Educational Programs.**

Check which program(s) you would like to register for:

Innovative Engineers \$125

Lego Robotics \$125

Total payment amount \$ _____

Check One: Mastercard Visa

Card # _____

Expiration Date ____/____ Zip Code _____

I understand that my child must abide by the same rules and regulations during Innovative Engineers that apply during the school year. Failure to comply will result in exclusion from the program. I understand that program availability is subject to enrollment/funding and I will be contacted if there is a conflict. I grant permission for photographs and videos to be taken for Quincy Public Schools website, the Innovative Engineers Newsletter and Open House, and for Quincy Public Schools.

Parent Signature

Date

MAIL Registration Form and Payment to:

Quincy Public Schools
159 Burgin Parkway
Quincy, MA 02169
Extended Educational Programs

Quincy School Committee

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*Superintendent of Schools and Secretary
to the School Committee*

The Quincy Public Schools does not discriminate on the basis of race, color, sex, sexual orientation, religion, national origin, or handicap, in its educational activities or employment practices as required by Title IX of the 1972 Federal Education Amendments, by Section 504 of the 1973 Rehabilitation Act, and by Chapter 622 of the General Laws for the State of Massachusetts.

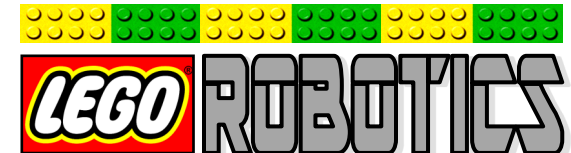
Quincy Public Schools - 2014

QUINCY PUBLIC SCHOOLS
MASSACHUSETTS

Extended Educational Programs

INNOVATIVE ENGINEERS

A new and exciting Saturday morning enrichment program for students who have an interest in science, technology engineering, and math (STEM)!



A Saturday enrichment program for all Quincy Public Schools students in grades 3-5



INNOVATIVE ENGINEERS

INNOVATIVE ENGINEERS will begin with a science lesson that builds knowledge about the theme of the week followed by the session's engineering activity. Additionally, to help prepare students for the 21st century, each session offers a technology integration component where students may create a slideshow, video, a voice recording, or PowerPoint, and then share what they have created on their own personal and private websites.

PROGRAM OVERVIEW

Roller Coasters: How are roller coasters built? What causes the car to stay on the track? Can you make one with a loop?

Bridges: Learn about beam bridges, truss bridges and suspension bridges. Which kind will you build using only spaghetti and glue?

Tunnels: Did you know that approximately one quarter of Earth's landmass is covered with mountains? Since we can't always go around them, we must go through them! Learn about the machines used to make tunnels and build your own in a mountain of clay!

Slingshots: What do you know about force? Let's design different types of slingshots and shoot marshmallows across the room! Whose marshmallow will go the farthest?

Earthquakes: Have you heard of the Shake Table in California where buildings are tested for earth-

quake readiness? Let's build an earthquake proof building and test it on our shake table.

Participants:

Interested QPS students in grades 3 - 5

Dates: April 5, April 12, May 3, May 10, May 17

Time: 8:00am - 10:00am

Location:

Beechwood Knoll Elementary School
225 Fenno Street
Quincy, MA 02170

Cost: \$125.00 (Includes engineering supplies.)

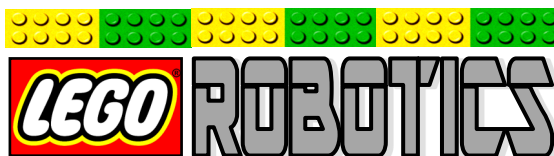
Staff:

Quincy Public Schools professional staff members.

Parent:

On the last day, May 17, the class will go from 8am-10am with an Open House from 9am - 10am.

Transportation: Not provided



software, which combine simple drag-and-drop programming with Lego's Power Function motors, lights, and sensors. Students use software to program, design, and create a work-

LEGO ROBOTICS is the ultimate project based learning opportunity! Prior Lego Robotics experience is not necessary! Students will use the Lego WeDo Construction Kits and

ing model. They will use feedback to adjust programming while working with simple machines.

Activities are divided into four themes – Amazing Mechanisms, Wild Animals, Play Soccer, and Adventure.

Participants:

Interested QPS students in grades 3 - 5

Dates: April 5, April 12, May 3, May 10, May 17

Time: 10:30am - 12:30pm *(Except on May 17)

Location:

Beechwood Knoll Elementary School
225 Fenno Street
Quincy, MA 02170

Cost: \$125.00

Staff:

Quincy Public Schools professional staff members

Parent:

***On the last day, May 17, the class will go from 8am-10am with an Open House from 9am - 10am.**

Transportation: Not provided

Questions:

Contact Michael Marani at (617) 984-8888 or email MichaelMarani@quincypublicschools.com

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