

## PAYMENT

**Money Orders** payable to  
Quincy Public Schools

**\*All Electronic Debit and Credit Card**  
transactions can be processed through the  
UniBank system. Visit our website at  
[www.quincypublicschools.com](http://www.quincypublicschools.com) and click **Pay**  
**School Fees Online** (under Parent Links on the  
top right) and follow the instructions.

*(No Personal Checks Accepted)*

Return registration form and payment to:

**Quincy Public Schools**  
**Extended Educational Programs**  
**34 Coddington Street**  
**Quincy, MA 02169**

Quincy School Committee:

Mayor Thomas P. Koch  
Paul L. Bregoli  
James V. DeAmicis  
Kathryn E. Hubley  
Barbara J. Isola  
Emily A. Lebo, Anne M. Mahoney  
Richard DeCristofaro

## DETAILS

**Location:**

C.A. Bernazzani Elementary  
701 Furnace Brook Pkwy.  
Quincy, MA 02169

*(Note: No transportation will be  
provided to or from Bernazzani)*

**Time:**

9am—12pm

*(A peanut free snack may be brought)*

**Dates:**

Spring Session Dates:  
March 4th, 11th, 18th, 25th &  
April 1st

**Cost:**

\$125 per student

**Questions:**

Contact Casey Deaguero at  
[CaseyDeaguero@quincypublicschools.com](mailto:CaseyDeaguero@quincypublicschools.com)

QUINCY PUBLIC SCHOOLS

## STEM Academy for Grades 2– 5

*Spring of 2017*



Spring Session Dates:

March 4th , 11th, 18th, 25th &  
April 1st

Time: 9 am - 12 pm

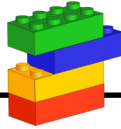
Location: C.A. Bernazzani School

STEM Activities will be:

- Hands-on, engaging and challenging
- Projects that students can bring home
- Completed individually and in teams

**Registrations Due: February 15th**

## GRADE 2



### WeDo Lego Robotics

Overview: Students will use step-by-step instructions to build LEGO models featuring working motors, sensors, gears and pulleys. Students will also be introduced to a basic level of computer programming to make their models move. WeDo activities engage students in a problem solving approach to learning.

#### Activities:

Lego Tower Building Challenges  
Roaring Lion  
Hungry Alligator  
Dancing Ducks  
Design Your Own Pet

## GRADE 3



### Planes, Rockets, Cars & Coasters

Overview: Students will design, test and further develop various types of models that move. A focus will be on the materials used to build and the way the model is powered. Students will be faced with hands-on and stimulating challenges to complete.

#### Activities:

Pneumatic Rockets  
Balloon Powered Car  
Paper Airplane Design  
Alka-Seltzer Rockets  
Puff Mint Mobiles

## GRADE 4

### Bridges, Towers & Structures

Overview: Students will be introduced to some of the design elements in structural engineering through the use of inquiry learning tasks. Students will work through the design process to imagine, build, test, and improve each of their models.

#### Activities:

Spaghetti Marshmallow Mountain  
Egg Drop  
Jell-O Earthquake Structure  
Golf Ball Pipe Cleaner Tower  
Index Card Bridge Penny Challenge

## GRADE 5

### Architecture is Elementary

Overview: Students will be introduced to a computer based architectural design program called TinkerCAD. They will design 2 & 3 dimensional floor plans. Their imagination will come to life when they build their very own model of a custom designed house.

#### Activities:

TinkerCAD Program  
2-D Floor Plan  
3-D Floor Plan  
Model of a House

## STEM REGISTRATION

Registrations Due: February 15th

- Grade 2: WeDo Lego Robotics
- Grade 3: Planes, Rockets, Cars & Coasters
- Grade 4: Bridges, Towers & Structures
- Grade 5: Architecture is Elementary

Student's Name: \_\_\_\_\_

School: \_\_\_\_\_

### Parent Contact Information

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Email: \_\_\_\_\_

Phone: \_\_\_\_\_

\* Please note any allergy or necessary medical information:

