

Create \* Build \* Develop \* Make



**District 75  
S.T.E.A.M.  
Foundation**

501(c)3

**S.T.E.A.M. Camp 2017**

*Innovation Station*

*June 5th through June 15th*

*8:00 a.m. - 11:00 a.m.*

## S.T.E.A.M. Camp 2017

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### June 5 - June 15, 2017

#### **Welcome to S.T.E.A.M. Camp**

Welcome to S.T.E.A.M. Camp sponsored by the District 75 S.T.E.A.M. Foundation! S.T.E.A.M. Camp courses at the Innovation Station will explore topics in Science, Technology, Engineering, Art, and Math (S.T.E.A.M.) in greater depth and students will make connections between academics and the real world. All classes are hosted at the Innovation Station at 470 N. Lake Street and take place on Monday through Thursday between 8 a.m. and 11 a.m. There will be no classes on Fridays.

#### **District 75 S.T.E.A.M. Foundation Mission**

Cultivate every child's creativity, technology-skills, and career readiness

#### **Program Overview**

S.T.E.A.M. Camp engages students in a variety of hands-on learning experiences that are designed to help them learn and practice concepts and skills in the fields of Science, Technology, Engineering, Art, and Math (S.T.E.A.M.). Students may choose from four different course options that each run from 8 a.m. to 11 a.m between June 5 and June 15.

#### **Registration**

Registration Forms are received and processed on a first come, first served basis. Once a class meets its class size limit, no more registrations will be accepted. The cost of each course will vary (see Course Descriptions). Registration is considered complete upon receipt of payment. Completed forms and payment must be submitted in an envelope marked "STEAM Camp" via school mail or mailed to the District Office no later than **Friday, May 5, 2017**. Payment in the form of checks or Money Orders should be made out to *District 75 Steam Foundation*.

Confirmation of registration and course placements will be sent through school mail prior to the start of the program.

#### **Fees**

Please refer to the Course Descriptions for specific course fees. The course fee will include the cost for most class supplies and a camp t-shirt. Some courses may require additional fees as decided by the instructor.

#### **Course Cancellation**

All courses must meet the minimum requirement of students in order to run. Courses that do not reach minimum enrollment will be cancelled. Students in cancelled courses will be placed in an alternate course and any tuition adjustments will be processed.

#### **Withdrawals & Refunds**

Should a student be placed in a course other than a first choice, any tuition adjustments will be processed following the first day of STEAM Camp.

Students who withdraw from the entirety of STEAM Camp due to medical emergencies or other extenuating circumstances will be provided a refund of tuition fees paid. Absences for individual days or sessions cannot be refunded.

#### **Transportation**

District 75 does not provide transportation. Families may wish to carpool or make alternate arrangements so that students can participate in STEAM Camp.

Questions? Please email Tony Cho at [acho@d75.org](mailto:acho@d75.org) or call 847-949-2712 x5005.

## S.T.E.A.M. Camp 2017 Course Descriptions

### **Course 1: Rockets, Robots, Roller Coasters, and more!** (Tony Cho and Jeff Gange)

Come join Mr. Cho and Mr. Gange as we embark on journey together through a world of Rocketry, Robotics, Roller Coaster and Race Car Physics, and much more!

For a half of each day, students will work with Mr. Cho to build and program fully functional robots while exploring engineering design and computer programming using Lego NXT/EV3 Robotics. Students will use creative and critical thinking skills to develop, build, test, and evaluate various robot designs. Students will then specifically code and program these robots to perform multiple real-world tasks of automation, transportation, search and rescue, and entertainment.

In the other half of each day, students will work with Mr. Gange to explore the concepts of Aviation, Physics, and Rocketry as students will build and launch their own rocket with a parachute, design and build their very own roller coaster, fly their own homemade kite into the clouds, and engineer their own race car. Students will not only get to create these vehicles, but they will also get to take them home! In addition, students will be learning about the history and science behind these fantastic machines.

By the end of this course, students will become world-class innovators and engineers! Students in this course will be enrolled for the entire two weeks.

**Grade:** Rising 2nd Grade- Rising 6th Grade

**Course Duration:** June 5- June 15

**Course Fee:** \$135

**Class Limit:** 20

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### **Course 2: Summer Sewing Station** (Dawn Abernathy)

Have you ever wanted to learn the art of sewing? In this course, students will learn various techniques of sewing by hand and machine to create various accessories, simple clothes, and even decorative pillows! Students will not only have the opportunity to learn this practical life skill, they will be able to express themselves creatively through sewing. Course activities will also help students' hand-eye coordination,

fine motor skills, and so much more! **Each student will be responsible for his/her own fabric and thread and the additional fees that they may cost.** Students in this course will be enrolled for the entire two weeks.

**Grade:** Rising 5th-Rising 8th Grade

**Course Duration:** June 5 - June 15

**Course Fee:** \$35

**Class Limit:** 8

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### **Course 3: Theatre Games and Improv for Fun** (Paddy Lynn)

Whether you enjoy acting onstage, building your self-confidence, or improving your stage presence, this class is for you. We will use a variety of theatre games that require only one thing- your Imagination. We will also be exploring some Improvisation to build character, improve listening skills, spontaneity, team building, and comic timing. The benefits from this class are great, but even better – we get to have lots of laughs.

**Grade:** Rising 4th-8th

**Course Duration:** June 5 - June 8

**Course Fee:** \$35

**Class Limit:** 25

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### **Course 4: Animal Story Acting** (Paddy Lynn)

Do you have a favorite animal? A cat, a fox, a panther, a llama or something else? Maybe you are like me and have many favorite animals. In this acting class, we are going to explore a variety of animals using stories that I wrote, which center on these amazing and powerful creatures. We will act out the stories using some simple props and costumes, and discover many things about them, as well as about ourselves.

**Grade:** Rising 1st-3rd

**Course Duration:** June 13- June 15 (No Class on June 12)

**Course Fee:** \$30

**Class Limit:** 25

## District 75 S.T.E.A.M. Foundation

### S.T.E.A.M. Camp 2017 Student Registration Form

Week	Courses (Bolded courses are two-week courses)
June 5-June 8	<b>Course 1: Rockets, Robots, Roller Coasters, and more! (Gr. 2-6) \$135</b> <b>Course 2: Summer Sewing Station (Gr. 5-8) \$35</b> Course 3: Theatre Games and Improv for Fun (Gr. 4-8) \$35
June 12- June 15	<b>Course 1: Rockets, Robots, Roller Coasters, and more! (Gr. 2-6) (continued) \$135</b> <b>Course 2: Summer Sewing Station (Gr. 5-8) (continued) \$35</b> Course 4: Animal Story Acting (Gr. 1-3) <b>June 13- June 15</b> (No class on June 12) <b>\$30</b>

Registration Forms are received and processed on a first come, first served basis, and should be submitted, along with payment, by **Friday, May 5, 2017**. You may photocopy this form for family and friends.

#### Student Information *Please print clearly.*

Student Name: \_\_\_\_\_ School: \_\_\_\_\_

Current Grade: \_\_\_\_\_ Homeroom/Classroom Teacher: \_\_\_\_\_

Parent/Guardian Name: \_\_\_\_\_ Parent/Guardian cell phone: \_\_\_\_\_

Parent/Guardian email: \_\_\_\_\_

Does this child have any medical condition(s) that we should be aware of (allergies, medications, etc.)? If so, please explain.

\_\_\_\_\_  
 \_\_\_\_\_

Parent/Guardian Signature: \_\_\_\_\_

#### Course Selection:

#### Tuition

1st Choice: \_\_\_\_\_ \$ \_\_\_\_\_

2nd Choice: \_\_\_\_\_ x

3rd Choice: \_\_\_\_\_ x

Total: \$ \_\_\_\_\_

**T-Shirt Size (Circle):** Youth Small    Youth Medium    Youth Large    Youth Extra Large    Other: \_\_\_\_\_

**Payment Method (Only Check or Money Order):** Check/M.O.

# \_\_\_\_\_

Payment in the form of checks or Money Orders should be made out to *District 75 STEAM Foundation. Attn: Elisa Smith*

S<sub>cience</sub>

T<sub>echnology</sub>

E<sub>ngineering</sub>

A<sub>rt</sub>

M<sub>ath</sub>

<b>For Office Use Only</b>	Date Received _____	Paid _____	Entered _____
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