



Like science, technology, engineering and math?

Want to learn to teach?

Want to be part of a movement to create positive change in your community?

14-18 years old? Like to earn money? Live in Boston?

**Be a part of the 2010 Learn 2 Teach, Teach 2 Learn Program!**

### **What's the Learn 2 Teach, Teach 2 Learn Program?**

If you are 14-18 years old and live in Boston, Learn 2 Teach, Teach 2 Learn gives you an opportunity to have meaningful paid work (\$8.00/hour), have an MIT education experience and gain skills in science, technology, engineering and mathematics, then do community service as you teach what you learn to elementary and middle school youth.

The program is a collaboration between the Future of Learn Group, Lifelong Kindergarten Group and the Center for Bits and Atoms at the MIT Media Laboratory, the South End Technology Center @ Tent City, community organizations throughout the city who sponsor summer technology camps, and talented youth teachers like *you!*

We imagine in the next few years there can be a critical mass of 3,000 – 5,000 young people exposed to emerging technology and science through our Learn 2 Teach, Teach 2 Learn Program who will catalyze lasting cultural change in our community. The change we want to see is that people believe that our youth are talented and can achieve *great things!* We believe that too many youth just consume technology and we believe they can also be the inventors and innovators of new technologies in the future. That's why we hope this program will increase the number of youth who choose to go into science, technology, engineering and math in college and have a chance to *shape the future!*

We hope you will expand your high tech and science knowledge by teaching and we also hope you will gain satisfaction as you *serve as a change agent and role model* for your community!

### **What's happening in the Learn 2 Teach, Teach 2 Learn Program?**

*You learn!* During the spring from April 10 until June 26, you meet with 35-45 other youth for four hours every Saturday, learning new technologies. You are paid to get training at the MIT Media Laboratory, the South End Technology Center @ Tent City and our partner sites. Students and professors from MIT and other colleges will help you get hands-on with six different emerging technologies and sciences, including,

**Alternative energy technology**

**Robotics and electronic inventions and programming**

**Digital design and fabrication**

**Game and animation programming**

**Hyperscore music composition**

**Graphic design and web technology**

During the summer, you work for six weeks from July 6 – 14 August, Monday- Thursday 9:00am – 3:00pm.

*You build!* From July 5 – July 22 from 9am-3pm, you will be paid to work together in a small group to design, develop and build a project that addresses a problem you think is important in your community. In building this project, you will use at least three of the sciences and technologies you learned in the spring. During this time, you will also collaborate with other youth teachers to develop teaching activities to use in your work at the summer science and technology camps.

***You teach!*** The last three weeks of the summer, from July 26 – August 12 from 9am -3pm, you will continue to be paid to travel in teams to teach the six emerging technologies and sciences you learned to elementary and middle school youth who live in your neighborhood or in other neighborhoods of Boston. Our youth teachers have taught at community organizations in the South End, Charlestown, Roxbury, Dorchester, Jamaica Plain, Chinatown, West Roxbury and Roslindale.

***You show off!*** On Saturday, August 14, 2010, we will hold a Project Expo where friends, family and the community will be invited to see you demonstrate your projects and talk about what you have learned.

During the school year, youth teachers who have demonstrated leadership have the opportunity to work 6-8 hours/week designing their own projects and teaching in after school programs.

## **Why be part of Learn 2 Teach, Teach 2 Learn?**

As part of Learn 2 Teach, Teach 2 Learn, you can:

- Explore how to create, produce and innovate with technology, not just buy and use it!
- Explore whether a career in science, technology, engineering or math might be right for you.
- Learn how to teach and become a more effective role model in your community.
- Gain community service experience you can highlight on your resume or college application
- Learn about yourself. . . have a chance to reflect with others about who you are, what your capacities are, what you are up against, what support you need and what you can do.
- Earn money!

## **What does it take to join?**

1. Be between ***14 and 18 years old***, be a ***Boston resident*** and be willing to ***show up on time*** and ***commit to working the entire program***. ***You cannot miss work for vacations or other activities. No exceptions!*** During the school year, from April 10 until June 26, you have to work 4 hours EVERY Saturday. During the summer, 5 July – 13 August, you work 20-24 hours a week.
2. You must be ***willing and able to travel by public transportation and teach in any neighborhood of Boston*** where we have a community organization partner (we provide bus or train fare and pay for your travel time during the summer technology and science camps).
3. You must ***maintain passing grades in school***. You cannot be in summer school and be part of the program. If you are having trouble learning, we can provide guidance and help if you ask us.
4. You must ***fill out and submit an L2T, T2L application*** and if you are qualified, sign up for the Hopeline or for ABCD. ***Your chances for being accepted into Learn 2 Teach, Teach 2 Learn are increased if you sign up for Hopeline or your neighborhood ABCD***. You can sign up online for the Hopeline from 16 February – 17 March at [www.bostonyouthzone.com](http://www.bostonyouthzone.com).

## **What did past youth teachers say about the program?**

“When you teach somebody something they didn’t know, it is the greatest feeling ever.”

“I really like this job because it opens new doors for me in technology and life.”

“The program supported my aspiration never to stop trying to learn something new.”

“My goal has changed a little because I found an interest in computers I never thought I had and I might want to pursue.”

**What’s the next step?** If you have questions, call Ed or Susan the South End Technology Center @ Tent City (359 Columbus Avenue, Boston, MA 02116) at 617.578.0597 or email us at [ed@learn2teach.org](mailto:ed@learn2teach.org) and [susan@learn2teach.org](mailto:susan@learn2teach.org).