



Alysha Branch &lt;alysha@networkforyouthsuccess.org&gt;

## Mid Month STEAM news update!

1 message

Alysha Branch <alysha@networkforyouthsuccess.org>  
To: Alysha Nicole Branch <alysha@networkforyouthsuccess.org>

Mon, Nov 20, 2023 at 10:26 AM

### Here's your mid month STEAM news update!

#### Editor's Note:

There is so much happening in STEAM education that we couldn't fit it in just one email. For this month we are adding a mid-month newsletter to compliment our previously sent November newsletter. If you have events, celebrations, or resources to share, read to the end to learn how you can submit content for future newsletters.



#### Table of Contents

[Computer Science Education Week](#)  
[Million Girls Moonshot Mini Grant Application](#)  
[Join the Million Girls Moonshot Flight Crew](#)  
[Follow us on social media!](#)

## Computer Science Education Week (CSEd Week)

Computer Science Education (CSEdweek) was founded in 2009 to raise awareness about the need to increase computer science education and to highlight the critical role of computing in all careers. This year's theme highlights progress in computer science education over the last decade.

We'll celebrate CSEdWeek December 4-10. Be sure to register your events at [csedweek.org](https://csedweek.org) and use #CSEdWeek #CelebratingProgress for awareness.

#### Other computer science resources:

- **Hour of Code**—During [Computer Science Education Week](#), tens of thousands of Hours of Code events will happen around the world. Any afterschool program can register as an official Hour of Code event and add their location to the global map.
- **Code.org's Free CS curriculum**—Free, flexible, and fun curriculum for every grade level (elementary, middle, and high school), includes lesson plans, videos, slides, assessments, and programming tools.
- **Hour of Code Activities**—A collection of one-hour tutorials designed for all ages in over 45 languages. Join millions of students and teachers in over 180 countries starting with an Hour of Code!

- **What Are the Chances?**—This activity includes an introductory video to illustrate the activity. Youth experiment with probability to tell how likely it is that an event will occur. In this activity, youth will do these calculations and then test if your calculations hold true for reality.
- **Educator Guide: Make a Planetary Exploration Balloon**—This activity for grades 3-12 uses math and engineering to design a balloon and gondola system capable of supporting weight. In this design challenge, students will then determine the mass needed to cause the balloon to ascend at a given rate, descend at a given rate, and/or maintain a constant altitude over a set period of time.

## Million Girls Moonshot Mini Grant Application

The Million Girls Moonshot wants to engage one million girls in engineering practices. The Network for Youth Success will award ten (10) up to \$1,000.00 mini grants to programs who need support in order to engage girls and young women in engineering practices. Mini-grants are meant to primarily serve girls, but can also serve other youth. Programs that serve youth, including girls, can apply. Funds must be spent by March 31st, 2024. There will be a short report required, showing how the funds were spent on engaging girls in engineering practices.

**Who Should Apply:** Any K-12th grade youth-serving program or organization, such as before and afterschool, community centers, schools, community schools, etc. that are interesting in doing or currently doing engineering programming with girls can apply. Programs must serve girls in some capacity, but do not have to only serve girls. If you are unsure if you qualify, please email [Timothy Fowler](mailto:Timothy.Fowler@nystatestem.org).

**Amount:** up to \$1,000.00 per program. These funds can be used for any expense related to the project. Funds must be spent by March 31, 2024.

**Application Deadline:** Friday, December 15th, 2023 at 1 PM ET

[Click here to apply](#)

## Join the Million Girls Moonshot Flight Crew



The Moonshot has launched a nationwide search for the next Flight Crew. This group of youth advocates promote the value of afterschool STEM learning and equity in STEM for young people across the nation.

All girls, non-binary, or cis-gender youth (ages 13-18) with experience in afterschool and summer STEM learning are encouraged to apply. The application for the 2024 Million Girls Moonshot Flight Crew is open through **December 1**.

From February—September 2024, the Flight Crew will:

- Act as a champion for afterschool STEM by sharing their first-hand, impactful STEM experiences beyond the classroom.
- Work with state leaders on relevant opportunities to advocate for STEM, create social media content, and connect with media.
- Aspire to break down stereotypes and spark their peers' curiosity in STEM by connecting their STEM experiences to everyday life.
- Receive leadership development opportunities, including public speaking, social media, and connections to mentors.

### **Flight Crew application**

## **Want even MORE news and updates?**

### **Follow us on social media!**

Keep up with news, views, and events through our social media. The STEAM Girls' Collaborative Leadership Team contributes to our feeds, giving you even more content about STEAM learning and equity.

Like us on [Facebook](#), search for @NYGCP.

Follow us on [Twitter](#), @NYSTEAM4girls

Interested in other work with youth? Stay tuned to the Network for Youth Success' channels!

Like us on [Facebook](#), search for @NetworkforYouthSuccess

Follow us on [Twitter](#), @NYSYouthSuccess

---

## **Submit your news, events, trainings, and resources**

Do you have STEAM related events, workshops, conferences, resources, or celebrations you would like to share with the NY STEAM Girls' Collaborative network? We would like to help you share! Each month, we send out an e-newsletter, and we need your content and contributions to make it a truly collaborative effort!

Our reach includes formal and informal educators, as well as others who are interested in girls' access to opportunities.

Please send your December submissions to [NYSTEAM4girls@gmail.com](mailto:NYSTEAM4girls@gmail.com) by 1 PM on **Thursday, November 30th**. We will try our best to include all inputs received! Email us at the same address if you have questions.

Any material submitted may also be promoted via the NY STEAM GC Twitter feed, Facebook page, or LinkedIn page, increasing the range of promotion!

11/30/23, 2:48 PM

New York State Network for Youth Success Mail - Mid Month STEAM news update!



New York State Network for Youth Success, Inc.  
415 River Street  
Troy, NY 12180

[Unsubscribe](#)