



**SciGirls Season 3  
Episode Screening Guide**

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## About SciGirls

SciGirls is an Emmy-award winning PBS KIDS television series, website, and outreach program dedicated to changing the way millions of girls ages 8 - 13 think about science, technology, engineering, and mathematics. The transmedia effort has reached over 14 million girls, educators, and families, making it the most widely accessed girls' STEM program available nationally. *SciGirls'* videos, interactive website and hands-on activities work together to inspire, enable, and maximize STEM learning and participation for all girls, with an eye toward future STEM careers. The goal of *SciGirls* is to change how millions of girls think about STEM.

The *SciGirls* approach - for the TV show, website, and educational materials - is rooted in research about how to engage girls in STEM. A quarter of a century of studies have converged on a set of common strategies that work, and these have become *SciGirls'* foundation.

*SciGirls CONNECT* ([scigirlsconnect.org](http://scigirlsconnect.org)) is a broad national outreach effort to encourage educators, both formal and informal, to adopt new, research-based strategies to engage girls in STEM. *SciGirls CONNECT* includes 125 partner organizations located in schools, museums, community organizations and universities who host *SciGirls* clubs, camps and afterschool programs for girls across 34 states. The *SciGirls CONNECT* network is a supportive community of dedicated educators who provide the spark, the excitement and the promise of a new generation of women in STEM careers. *SciGirls CONNECT* provides mini-grants, leader training and educational resources to partner organizations, and each partner training session involves educators from a score of regional educational institutions.

*SciGirls* key national collaboration partner, the [National Girls Collaborative Project](#) (NGCP) has implemented training using *SciGirls* gender equity resources across regional and local girl-serving STEM programs nationwide. NGCP facilitates collaboration and provides professional development to build organizational capacity to girl-serving STEM organizations across the nation. NGCP has also helped enable role model-focused outreach for *SciGirls* partners through the [FabFems](#) database of STEM professionals. The database features hundreds of STEM professional women available to act as mentors and role models.

*SciGirls* Season Three Episode Screenings and associated activities described in this guide are new aspects of the *SciGirls CONNECT* effort. The primary audience for *SciGirls* Season Three Episode Screenings are local middle school girls in your community (and their parents, caregivers, families, and friends), In addition to screening a Season Three Episode of your choice, additional required event activities include a STEM panel discussion with high school, college and/or young female STEM professionals and hands-on activities associated with Season Three Episodes.

## SciGirls Season Three Episode and Activity Listing

*SciGirls* Season Three focuses on citizen science, the newest frontier in science education that engages ordinary kids nationwide in innovative research. Scientists invite kids and adults worldwide to observe and record data, then use this data in their research.

Full episodes are streamed online at [pbskids.org/scigirls/videos](http://pbskids.org/scigirls/videos) and can be downloaded for free from iTunes (ready in September). Videos that are chaptered for educational use will be available at <http://tpt.pbslearningmedia.org/collection/scigirls/>.

### *Episode 1: Frog Whisperers*

In this episode three girls hit urban and rural sites to compare frog and toad calls and report on their amphibian neighbors.

Watch Episode: <http://tiny.cc/FrogWatch>

Citizen Science Project Website: [FrogWatch USA](http://FrogWatchUSA.org)

This project provides individuals and families with information about the wetlands in their communities and how to help conserve amphibians by reporting the calls of local frogs and toads.

See the [Wetland Band](#) activity to teach youth frog calls.

### *Episode 2: Flower Power*

In this episode girls track changes in flowers and plants as spring emerges, and celebrate by creating a sculpture and a time-lapse video of the season's arrival.

Watch Episode: <http://tiny.cc/NaturesNotebook>

Citizen Science Project Website: [Nature's Notebook](http://Nature'sNotebook.org)

Part of the USA National Phenology Network, participants gather information on plant and animal phenology across the U.S. to be used for decision making to ensure the continued vitality of our environment.

See the [Season Seeking](#) activity to encourage youth to look for phenomenal phenology in your community.

### *Episode 3: SkyGirls*

In this episode girls from Virginia team up with NASA scientists, to identify clouds from the ground and compare their data with satellite images, ultimately creating a "mostly cloudy" museum display.

Watch Episode <http://tiny.cc/NASA-SCool>

Citizen Science Project Website: [NASA's S'COOL: Student Cloud Observations Online](http://NASAsSCOOL.org)

This project involves students in making and reporting observations of clouds to assist in the ground validation of NASA's CERES satellite instruments.

See the [Cloud Clues](#) activity to engage youth in an outdoor, observational activity, where they will name cloud characteristics.

#### *Episode 4: Feathered Friends*

In this episode girls from Denver investigate what makes a good urban bird habitat, and transform a city school garden into a welcoming home for any flock of feathered friends.

Watch Episode <http://tiny.cc/CelebrateBirds>

Citizen Science Project Website: [Celebrate Urban Birds \(CUBS\)](#)

A year-round project developed and launched by [The Cornell Lab of Ornithology](#), its primary purpose is to reach diverse urban audiences who do not already participate in science or scientific investigation. Another goal is to collect high-quality data from participants that will provide the lab with valuable knowledge about birds in urban areas.

See the [Bird is the Word](#) activity to show youth how to watch and identify birds in your neighborhood

#### *Episode 5: Butterfly Diaries*

In this episode girls explore a Minnesota milkweed patch, counting monarchs to help scientists track the butterfly population. These SciGirls then raise monarch caterpillars, and use a video diary to capture their metamorphosis into butterflies.

Watch Episode <http://tiny.cc/Monarchs>

Citizen Science Project Website: [Monarch Larva Monitoring Project](#)

Developed by researchers at the University of Minnesota, the project aims to better understand how and why monarch populations vary in time and space, with a focus on monarch distribution and abundance during the breeding season in North America.

See the [Out and About](#) activity to guide youth through creating their own field guides.

#### *Episode 6: Terrific Pacific*

In this episode a junior lifeguard and her friends set sail on a SoCal citizen science cruise, working with marine scientists to collect data on the health of the Pacific Ocean and create a splashy conservation video for beach visitors.

Watch Episode <http://tiny.cc/SeaFloor>

Citizen Science Project Website: [Zooniverse: Seafloor Explorer](#)

Participants identify aquatic animals and ground cover in images of the seafloor to help create a library of seafloor life in the habitats along the northeast continental shelf.

See the [All Tangled Up](#) activity to walk youth through creating a food web to model an ecosystem.

## Viewing Resources and Tasks

### Prior to the Screening

- Identify organizations/programs to partner with for the screening. This will reduce costs and aide in your outreach efforts.
- Prepare budget for screening and recruit event planning team members.
  - Submit budget requests to Nimisha Ghosh Roy at [nghoshroy@ngcproject.org](mailto:nghoshroy@ngcproject.org) at least four weeks prior to event for approval.
  - Possible expenses include
    - Printing outreach/promotional material
    - Printing activity instructions
    - Supplies for hands-on activities
    - Food/snacks for event
    - Small gifts for panel participants
- Schedule a series of event/screening planning meetings, including a debrief to occur after the event.
- Determine and distribute task assignments for event planning and duties for the day of the screening to the event planning team.
- Determine date, time, and location. Register your event as an Opportunity in the Connector, to increase your outreach efforts. See Page 9 for information about creating Connector Opportunities.
  - NOTE: Consider any conflicting events and all holidays.
  - NOTE: Since this event is primarily for youth you do NOT need to collect event registrations as you would for other NGCP events. You may decide to collect registrations, if so, there are many tools available. Consult with partners and where possible, use an existing event registration system hosted by a partner.
- Reserve location. Consider the following when reserving a location:
  - Can the facility be reserved for the duration of the film and for the duration of the discussion/activities?
  - Is the facility large enough to accommodate all (expected) attendees?
  - Does the facility have A/V equipment? (For accessibility purposes, please use a facility with a microphone.)
  - Is the facility wheelchair accessible?
  - Does the physical configuration of the room allow for engaging, interactive discussion?
  - Is there internet access available? If there is no internet access you can watch the video via DVD (to be completed in early August) or contact Sarah Carter ([scarter@tpt.org](mailto:scarter@tpt.org)) to download the video via Dropbox.
- Determine if food/snacks will be provided during the event
  - Make arrangements for food/snacks prior to the screening and have adequate cups, napkins, utensils, available for all attendees.
- Recruit/ Invite speakers/panelists.
- Determine RSVP deadline.
- Promote Event
  - Facebook; Twitter; E-newsletter; email messaging
  - Send out press release.
  - Distribute promotional materials with event information (e.g. posters).NOTE: Sample text for promoting the screening via social media and a poster are included in the toolkit. See Pages 18 -19.
- Conduct Site Visit

- Coordinate seating assignments for VIPS and speakers/panelists if needed.
- Determine room layout & décor.
- Make sure all A/V equipment is working properly.
- Finalize (facility use) contract if needed.
- If you are collecting event registrations from parents/families/youth, and/or panelist, presenters be sure to provide regular reminders for initial registration, 2 weeks prior, 1 week prior, and day before the event. Include confirmation details and driving directions or maps.
- Determine and obtain panel participant gifts if appropriate
- Create supply list needed for the screening including materials for hands-on activities and any printing that might be needed.
- Create list of materials to transport to venue.
- Organize materials to be used at the screening and transport the materials to the venue.

### During the Screening

An episode screening event will typically be at least two hours in length. The following is a suggested agenda. Depending on your environment, this agenda may be adjusted. You are highly encouraged to include both a panel discussion and a hands-on STEM activity during your event.

#### *Sample Agenda:*

1. Introduction/Welcome/Recognition of Sponsors and Partners (10 minutes)
2. Episode Screening (30 minutes)
3. STEM Panel Discussion (high school girls and/or women STEM professionals (20 minutes)
4. Hands on STEM/SciGirls Activity (30 minutes)
  - a. Introduce Activity (5 minutes)
  - b. Activity (20 minutes)
  - c. Reflection and Wrap-Up (5 minutes)
5. Closing and Recognition of Speakers, Sponsors, and Partners (10 minutes)

#### *Additional Agenda Notes:*

**Introductions** (10 min): Welcome: discuss why you are hosting this screening. Feel free to use talking points below:

- SciGirls is an Emmy-award winning PBS KIDS television series, website, and outreach program dedicated to changing the way millions of girls ages 8 - 13 think about science, technology, engineering, and mathematics.
- *SciGirls'* videos, interactive website and hands-on activities work together to inspire, enable, and maximize STEM learning and participation for all girls, with an eye toward future STEM careers. The goal of *SciGirls* is to change how millions of girls think about STEM.
- STEM-related jobs are some of the fastest growing jobs in the country and 80 percent of all future jobs will require STEM literacy and skills. STEM skills are also critical for all members of our society to be informed consumers and make decisions about complex issues that face the world.

- Explain the agenda for the day, introduce any special guests and event partners. Let attendees know there will be a chance to meet with panelists and engage in hands-on activities and discussions like those they will see during the episode.
- Recognize sponsors and partners.

### **Episode Screening (30 min)**

**STEM Panel Discussion (20 min)** with high school, college and/or professional women. Review the Resources for STEM Panel section on page 10 for more information on how to coordinate and plan the panel.

**Hands-on Activities (30 min)** associated with the Season Three Episode shown during screening.

**Closing (10 min)** End the event by sharing a call to action for girls. Encourage them to visit the <http://pbskids.org/scigirls/> website to play interactive games, create profiles and participate in citizen science projects. Recognize sponsors, partners, and speakers.

### **After the Screening**

- Send thank you emails to speakers/panelists and attendees (include resources and next steps).
- Conduct follow-up meeting with event team to evaluate event.
- Pay all vendor bills and gather receipts.
- Post pictures to Facebook, Instagram, Twitter, etc.



## Promote Your Screening in The Connectory

Promote your *SciGirls* Episode Screening to families in [The Connectory](#), the largest directory of youth-serving STEM programs and opportunities! The website is open to the public and all opportunities are searchable and viewable by families.

Opportunities are time-bound STEM events such as summer camps, one-day events, workshops, career fairs, and competitions, and are automatically promoted to visitors based on their location.

Add your opportunities now so they will be available to the families across the country accessing The Connectory!

- Join: [Make an account profile](#)
- Create: *Click* '+ Add new program' to add basic information about your program
- Approval: We approve your **program listing** so they can be searched for by program providers
- Add: *Click* "+ Add new opportunity" to all your STEM opportunities
- Approval: We also approve your **time-bound opportunities** so they can be searched for by families
- Discover: Search for other programs providers to connect with

**Opportunities are visible to families from The Connectory homepage. Programs are visible to other STEM providers from the Partner Search page to encourage collaboration.**

## Resources for STEM Panel

### How to organize a panel and find panel participants

Presenting a panel of high school, college and/or young female STEM professionals to share their perspectives about the *SciGirls* episode and challenges and successes in studying science and participating in science (citizen science and/or general research) can provide the audience with a more direct connection to the themes in the episodes. It is also an opportunity to provide leadership and speaking opportunities for young women.

#### Selecting Panel Participants:

- Balance age, ethnic backgrounds, and other demographics to provide a wide array of experiences
- Use local teachers and professors where possible to seek recommendations for panelists

#### Preparing Panelists

Share the episode link with panelists prior to the screening. Encourage them to view the episode prior to the screening so they can think about experiences to share with the audience.

Send all panelists an information sheet prior to the event (See Page 12).

For Adult panelists, you may choose to NOT include the Panel Registration Form included in the informational sheet.

#### Panel Title

Name your STEM Panel. Possible panel event names include:

- *Women in STEM Panel – Voices & Perspectives*
- *Girls in STEM - High School Perspectives*

#### Identifying a Panel Moderator

Identify a panel moderator to facilitate the panel discussion. Introduce the moderator to the panelists in advance. Share the moderator information sheet with your selected moderator in advance of the event (See Page 16).

#### Sample Panelist Discussion Questions

For a 20 minute panel, five questions is probably sufficient. Share the five questions you will be asking with the panelists and the moderator in advance so they can prepare responses. The moderator may be interested in helping to identify the best panelist questions.

- In one sentence, can you sum up what you like about science programs/activities you are involved in (or have been involved with in the past)?
- How did your perspective on STEM education change from elementary school to middle school, or middle school to high school? What do you think caused the change?

- Describe a time you felt frustrated in a STEM activity. What helped you move beyond your frustration/ gave you the ability to complete it successfully?
- Has there been an adult that has influenced you in STEM and if so, how? What advice would you give adults about working with girls in STEM?
- If you could give younger girls advice about STEM, what would it be?
- Do you have any examples of media other than *SciGirls*, such as films, books, magazines, etc., that positively portray girls exploring/engaging in science activities?
- What changes would you recommend to make your school, college or workplace a more supportive place for girls in STEM? How is your school, college or workplace already providing support to women and girls?
- What were some of the challenges faced by the young women in the episode? How did the young women in the episode overcome adversity to achieve their goals?
- Why should young women pursue STEM courses and careers?
- How do you prepare yourself for a STEM career? Are there after-school programs, summer camps available in your area? What classes can you take in high school?
- How can you use STEM knowledge/experiences to better serve you and your communities?
- In what ways were the young women in the episode able to participate in citizen science? Do you think you could participate in citizen science?
- What kinds of problems would you like to address with citizen science?



**Event Title**

**Location | Date**

**Time**

**[Event Title]**

### ***Panelist Information Sheet***

Thank you for your interest in participating in **[Event Title]**. This panel is part of **a SciGirls Season Three Episode Screening** event, designed to encourage girls to pursue science, technology, engineering, and math (STEM) careers and courses. During the event there will be a panel of young women speaking and we are honored that you'll be part of it! For more information about the National Girls Collaborative Project you can visit our website here: <http://www.ngcproject.org>

**Date:**

**Time:**

**Location:**

**Parking Information:**

**Please complete the Panelist Registration Form and the Media Release Form.** If you are under the age of 18, you must have a parent/guardian signature in order to participate.

**You will need to bring the original signed copy of the forms to **XXX** when you arrive at the event.** You can also scan and email a copy to **XXX@YYY**.

**About the Panel:**

You will be on a panel with other girls and young women **(insert information about age range of panelists)**. Below is the panel format:

- Introductions – each girl will introduce herself, her school, a little bit about the STEM activities they are involved in, and something they like to do for fun/as a hobby. (1 min each)
- **Add the specific questions the moderator will be asking in this section**

If there is time, we will open it to questions from the audience. You do not need to be able to answer ALL of the above questions.



**Event Title**

**Location | Date**

**Time**

**[Event Title]**

### Panelist Registration Form

Please scan and e-mail a copy of the completed forms to **XXX**. Or, bring a signed copy to the event on **[date]**.

#### STUDENT NAME (Please Print)

First Name: \_\_\_\_\_ Last Name: \_\_\_\_\_

Name of School: \_\_\_\_\_

Grade of student: \_\_\_\_\_

After-school/summer program (if applicable): \_\_\_\_\_

#### EMERGENCY CONTACT INFORMATION (Please Print)

*Parent/Guardian information preferred*

Last Name: \_\_\_\_\_ First Name: \_\_\_\_\_

Home Phone: \_\_\_\_\_ Work Phone: \_\_\_\_\_ Cell: \_\_\_\_\_

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

*Street*

*City*

*Zip*

E-mail Address: \_\_\_\_\_

#### METHOD OF TRANSPORTATION

Transportation used to reach the event: -

\_\_\_\_\_

#### CHAPERONE

Will you have a chaperone at the event? \_\_\_\_\_

Name of Chaperone:

\_\_\_\_\_

**By signing below, I give permission for my daughter to attend the National Girls Collaborative Project Collaboration event as a girl panelist on [date] at the [location].**

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

**Printed Name:** \_\_\_\_\_

**Date:** \_\_\_\_\_



## MEDIA CONSENT AND RELEASE AGREEMENT

I hereby grant permission to the National Girls Collaborative Project (“NGCP”) its agents, and persons or entities hired or authorized by it (including but not limited to National Girls Collaborative Project affiliates), to make, or have made, photographs, video, and voice recordings of me (and/or my minor child if applicable) and to use such photographs, video, and voice recordings (“such Information”) without notifying me and without compensation as NGCP may authorize on its website(s), social media site(s), printed publications, and electronic versions of these same publications for promotional or educational purposes related to NGCP programs.

In addition, I waive all claims to compensation or damages that may arise from the use of such Information by the NGCP. I understand that the NGCP will have full ownership rights of such Information, or in any other materials or media, and in any and all derivative works based on or incorporating the same. I waive any and all rights, claims and/or interest, if any, which I now have or might later acquire with respect to such Information in relation to any videos, photographs, audio recordings, or any other materials and media in any and all derivative works based on or incorporating the same created by or on behalf of the NGCP under this agreement. I also waive any right to inspect or approve the finished printed or electronic publications that include such Information.

I also understand that if/once an image and/or video is posted on the NGCP’s website(s) or social media site(s), the files can be downloaded by any computer user. Therefore, I agree to indemnify, defend, and hold harmless the NGCP, its directors, officers, agents, employees, and persons or entities hired or authorized by it (including but not limited to National Girls Collaborative Project affiliates) from and against any liability, damage, loss, costs, or expense resulting from claims made or suits brought against the NGCP, its directors, officers, agents, employees, and persons or entities hired or authorized by it.

The undersigned hereby agrees to the terms and conditions of this Media Consent and Release Agreement.

**Name:** \_\_\_\_\_ **Date:** \_\_\_\_\_  
Please Print

**Signature:** \_\_\_\_\_ **Phone:** \_\_\_\_\_

**Email Address:** \_\_\_\_\_

**If the person above is a minor (under 18 years of age), a parent or legal guardian must also sign the Agreement. By signing, you are certifying that you are the parent or legal guardian.**

**Parent or Legal Guardian Name:** \_\_\_\_\_  
Please Print

**Parent or Legal Guardian Signature:** \_\_\_\_\_



**Event Title**

**Location | Date**

**Time**

**[Event Title]**

### **Moderator Guide**

Thank you for agreeing to be the moderator for our STEM panel during the [Event Title]. This event is part of a **SciGirls Season Three Episode Screening** event, designed to encourage girls to pursue science, technology, engineering, and math (STEM) careers and courses. During the event there will be a panel of young women speaking and we are honored that you'll be part of it! As the moderator for the [Event Title], you will ask panelists to give us their unique perspective on their STEM experiences to encourage girls' interest and participation in these fields.

For more information about the National Girls Collaborative Project you can visit our website here: <http://www.ngcproject.org>

**Date:**

**Time:**

*We will do a short orientation and introduce you to the panelists **at XXX** so you will have a chance to connect with them before we begin.*

**Location:**

**Parking:**

**Panel Format:**

You may choose to improvise somewhat on the panel format described on the next page.

The panelists will have received the below questions ahead of time and will expect similar questions to be asked of them on the panel. We do not expect that all of the panelists will answer all of the questions. It is also perfectly ok if you do not get through all the questions. Facilitating a good dialogue and conversation is most important. If the panelists are sharing important and relevant stories, allow them to continue!

- **Hello and Introduction:**  
*Thank you for joining us on this panel. We wanted to gain a little insight into what makes girls interested in science, technology, engineering or math (STEM), so we invited some girls to talk with us so we can hear about it straight from the source. **(may need to modify based on age range of panelists and their experiences)***
- **Introductions** - We are going to go around and have each panelist quickly introduce herself, her school/organization, a little bit about the STEM activities she is involved in, and something she likes to do for fun/as a hobby.



*(All; 1 min each)*

- Add the specific questions the moderator will be asking in this section

**Additional Moderator Tips:**

Invite panelists to answer questions. Make it clear that you are encouraging conversation. All panelists do not have to respond to all questions. And panelists do not all have to respond in the same order each time. Especially when moderating a panel of younger girls, *instead of calling on the girls by name, we would encourage you to invite the girls to volunteer to answer the question. Some panelists may need more encouragement. Meeting with the panelists even a few minutes before the start of the panel will give you a sense of who will be ready to answer questions and who might need more encouragement to speak up during the panel discussion.*

- **Closing:** *Thank you, ladies, for your participation in this morning's panel. Your insights are valuable and have given us a wonderful foundation on which to set the experiences of this conference.*

## Invitation Templates

You may choose to create special invitations to invite girls to your episode screenings. You can utilize the *SciGirls* Invite Templates located here <http://scigirlsconnect.org/page/event-invites>.

Be sure to include all logistical information such as start time, end time, location, parking, etc. Remember to indicate if this is an event where girls can be dropped off by parents/guardians or if you need girls to be accompanied by a guardian during the event.

## Sample Outreach Messaging

### Email or Newsletter Announcement

Please join us for a screening of a *SciGirls* Season 3 episode (include the name of the episode) at time and location. *SciGirls* is an Emmy-award winning PBS KIDS television series, website, and outreach program dedicated to changing the way millions of girls ages 8 - 13 think about science, technology, engineering, and mathematics (STEM). *SciGirls* episodes focus on inquiry-based science with a commitment to gender equity.

A panel discussion will follow the screening, during which local girls and women will talk about their experiences in STEM. Girls attending this episode screening will also have the opportunity to engage in hands-on STEM activities.

The event is hosted by \_\_\_\_\_.

### Facebook

On date, time, and location, join us for a free screening of a *SciGirls* Season 3 episode. *SciGirls* Season 3 focuses on citizen science, the newest frontier in science education that engages ordinary kids nationwide in innovative research [event registration link]

### Twitter

1. Join @host for a screening of a #*SciGirls* episode on date and time, followed by a discussion of how to inspire more #girlsInSTEM careers. [event website]
2. How can we pave the way for more #girlsInSTEM careers? This date at time join us for a screening & discussion of the #*SciGirls*: [event website]

Website: [pbskids.org/scigirls](http://pbskids.org/scigirls), [scigirlsconnect.org](http://scigirlsconnect.org)  
Hashtags: #*SciGirls*, #citizenscience, #STEM, #PBSKids,

### *Suggested Twitter Handles*

National Girls Collaborative Project: @ngcproject  
*SciGirls*: @scigirls, @tpt

## How to Find Organizations and Programs for Girls

The National Girls Collaborative Project (NGCP) is a national initiative working to advance gender equality in science, technology, engineering, and mathematics (STEM). The NGCP brings together diverse organizations invested in increasing the representation of girls and women in STEM education and careers and seeks to maximize access to existing resources and expertise on a local, regional, and national level.

While there are many efforts underway to promote STEM education, the NGCP focuses on providing girl-serving organizations with a collaborative framework and tools to strengthen their efforts and maximize impact. Individuals or organizations with common goals can improve their abilities to achieve critical outcomes for girls in STEM through collaboration. Collaborators can increase awareness of their resources and expertise, share exemplary practices, and reduce isolation. Through collaboration, key resources and expertise can be leveraged to maximize the impact on women and girls.

**The Connector is a powerful online collaboration tool.** This global database of youth-serving programs and opportunities allows users to share opportunities and resources and learn from others who are working towards the goal of inspiring more youth to pursue STEM careers. The directory includes valuable information such as contact information, program descriptions, populations served, and service delivery format. One unique feature of The Connector is that users can choose from a comprehensive list to specify resources available and resources needed, making it possible to connect with others to leverage existing resources. **Grow your collaborative network by connecting with over 8,000 programs serving more than 8.7 million girls and 5 million boys listed in The Connector.**

### Getting Started

1. Join: [Make an account profile](#)
2. Create: *Click* '+ Add new program' to add basic information about your program. **The more information you enter, the more other members of the network can learn about your program.** You may want to consult with others in your organization to create the most meaningful profile, which will foster collaboration and resource-sharing.
3. Approval: We approve your **program listing** so they can be searched for by program providers
4. Add: *Click* "+ Add new opportunity" to all your STEM opportunities
5. Approval: We also approve your **time-bound opportunities** so they can be searched for by families

### Building Your Collaborative Network

1. View programs in The Connector by clicking on the **Partner Search** tab in the top navigation menu.
2. Search with a variety of fields by clicking **Search**.

**Each new entry in The Connector can open a door to collaboration** and increase the capacity of individuals and organizations to inspire more girls to explore exciting careers in the STEM fields.

## Additional Resources and Support for Episode Screening Hosts

### **Activities and Guides**

<http://scigirlsconnect.org/page/activities>

SciGirls has made a commitment to providing quality, gender-equitable, inquiry-based STEM activities that are fun for all! These hands-on activities are listed by topic and season.

### **Inquiry 101**

<http://scigirlsconnect.org/page/inquiry-101>

This page features resources about the science inquiry process, which is at the heart of all SciGirls' hands-on activities.

### **Gender Equity**

<http://scigirlsconnect.org/page/gender-equity>

This webpage lists websites with gender equity and professional development resources.

### **Materials Request Forms**

<http://scigirlsconnect.org/page/materials-request-forms>

### **SciGirls CONNECT**

<http://scigirlsconnect.org>

SciGirls CONNECT is an innovative national demonstration project that combines video, printed activity guides and professional development for educators, all linked through dedicated websites. The key goal of SciGirls CONNECT is to build a vibrant community of empowered, well-informed professionals devoted to encouraging more girls to take part in STEM activities and pursue STEM careers. We have an ambitious initiative to train 100 organizations in the use of SciGirls programming over the next five years.

### **SciGirls Seven**

<http://scigirlsconnect.org/page/scigirls-seven>

The SciGirls PBS television series, website, and outreach initiatives emphasize current research on strategies proven to increase girls' engagement in STEM. A quarter of a century of studies have converged on a set of common strategies that work, and these have become SciGirls' foundation. The SciGirls Seven summarizes seven research-based strategies for engaging girls in STEM, including tips for putting these strategies to practice and references for additional information.

## Activities and Resources for Mentors and Role Models (STEM Panelists)

### [Mentoring in a Box - Technical Women at Work](#)

This great resource from the National Center for Women & Information Technology (NCWIT), developed in collaboration with the [Anita Borg Institute for Women and Technology](#), helps women excel in the technical professions and advance to positions of leadership. Informed by research from academic and business literature and by conversations with mentoring experts in the field, Mentoring-in-a-Box: Technical Women at Work offers activities, resources, and tools to support a mentoring pair, presented in an easy-to-use format.

### [Women In Bio](#)

Women In Bio is an organization of professionals committed to promoting careers, leadership, and entrepreneurship of women in the life sciences.

### [Women@NASA](#)

The Women @NASA contains a collection of videos and essays showcasing women who work across a variety of departments at NASA. The stories demonstrate how these women work to make the world a better place, balance their personal and professional responsibilities, and overcome obstacles to pursue their dreams. The site contains resources to inspire girls in STEM, information for K-12 educators, and serves as a hub for women and outreach at NASA.

### [Women@Energy](#)

Women@ Energy, from the Department of Energy, showcases talented and dedicated employees who are helping change the world, ensuring America's security and prosperity through transformative science and technology solutions. view profiles of women across the country, sharing what inspired them to work in STEM, what excites them about their work at the Energy Department, sharing ideas for getting more underrepresented groups engage in STEM, offering tips, and more.

### [Engineer Your Life](#)

Learn about cool engineering jobs, meet inspiring female engineers and students, and find fresh info on scholarships, events and happenings in the engineering world. It's also a place for parents, educators, and engineers, too!

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