



**Resource List for NGCP Webinar:
Addressing STEM Stereotypes and Biases:
Facilitating Challenging Conversations with Youth**
September 15, 2021

Resources from the National Girls Collaborative Project:

- NGCP Report: [The State of Girls and Women in STEM](#)
- NGCP Webpage: [Engaging Girls in STEM](#)
- NGCP Webinar, March 2021: [From Research to Practice: An Up-to-Date Look at Gender Equity in STEM](#)
- NGCP Webinar, July 2020: [Gender Equity in Online STEM Learning](#)
- NGCP & SciGirls Research-to-Practice Webinar series, Spring 2020:
 - [Recognition: The Key Piece of Identity Development](#)
 - [Making STEM Meaningful for Girls](#)
 - [Equity in STEM Education: The Connection to Culture](#)

Resources from Sara Kobilka:

Websites:

- SciGirls Connect Website: <https://www.scigirlsconnect.org/>
- Constructive Communities: <https://www.constructivecommunities.com/>

Resources & Strategies:

- Facilitating Difficult Conversations with Youth, 4-part video series
<https://peacelearner.org/2016/04/18/facilitating-difficult-conversations-with-youth/>
- STEP Up Physics Resource page with poster "Guidelines for Conduct During Discussions" as well as other information about curriculum about implicit bias and cultural stereotypes
<https://engage.aps.org/stepup/about/resources>
- Learning for Justice - Teaching Strategies
<https://www.learningforjustice.org/classroom-resources/teaching-strategies>

Videos:

- ["Science, It's a Girl Thing"](#)

Resources provided from Amanda Sullivan, PhD.:

Websites:

- Amanda Sullivan's Research: <https://www.amandaalzenasullivan.com/publications>
- DevTech Research Group: <http://sites.tufts.edu/devtech/>
- NAEYC Anti Bias Resources: <https://www.naeyc.org/resources/topics/anti-bias>

Blogs:

- Combatting Stereotypes: How to Talk to Your Children: <https://theconversation.com/combating-stereotypes-how-to-talk-to-your-children-71929>
- Teaching Young Children to Resist Bias: https://www.pbs.org/kcts/preciouschildren/diversity/read_teaching.html

Books:

- For Adults: [Breaking the STEM Stereotype: Reaching Girls in Early Childhood](#)
- Picture Books:
 - [Rosie Revere Engineer by Andrea Beaty](#)
 - [Ada Twist Scientist by Andrea Beaty](#)
 - [Going Places by Peter & Paul Reynolds](#)
 - [The Most Magnificent Thing by Ashley Spires](#)

Other Useful Webinars:

- Inspiring STEM Learning for Young Girls: Tips from Research & the Classroom: <https://www.makewonder.com/blog/webinar-inspiring-stem-learning-for-young-girls-tips-from-research-and-the-classroom/>

Resources from Michelle Higgins:

- Transforming Leadership: Focusing on Outcomes of the New Girl Scout Leadership Experience
 - https://www.girlscouts.org/content/dam/girlscouts-gsusa/forms-and-documents/about-girl-scouts/research/transforming_leadership.pdf
- The power of circles (selected references)
 - <https://www.edutopia.org/article/using-circle-practice-classroom>
 - <https://www.heartland.edu/documents/idc/talkingcircleclassroom.pdf>

Resources from Timothy Fowler:

- NYS Quality Self-Assessment <https://networkforyouthsuccess.org/qa/>
 - The Network has a free tool to assess the quality of youth-serving programs in any setting.
- NCCJ St. Louis <https://www.nccjstl.org/>
 - Youth programs and adult programs related to dialogue, community building, and social justice.
- Positive youth development:
 - Cornell University Bronfenbrenner Center for Translational Research, Cornell Cooperative Extension <http://actforyouth.net>
- Paul Kivel (educator, write, activist) <https://paulkivel.com/>
- Chris Argyris, double loop learning <https://hbr.org/1991/05/teaching-smart-people-how-to-learn>