

**Sign-in Sheet** (print PDF prior to session)

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**I. Welcome and Introductions** (9:00 a.m.)

**II. Overview of Great Science for Girls** (9:15 a.m.)

Show the [GSG Overview slides](#)

**III. Equity Activity** (9:30 a.m.)

- [Draw a Scientist Activity](#)
- [Startling Statements \(Video, PowerPoint, & PDF\)](#)
- [Equity, Science and Afterschool Powerpoint](#)
- [Baby Cards Activity](#)

..... *Break (10:45 a.m.)* .....

**IV. GSG Local Vision** (11:00)

A discussion of the [GSG Unified Program of Change Indicators](#) and a local vision for GSG

..... *Lunch (12:00 noon)* .....

**V. GSG Website** (12:45 p.m.)

Using the [GSG Website Scavenger Hunt](#) form, participants discuss the website resources including the GSG listserv

**VI. Family Connections** (1:15 p.m.)

Divide into 3 groups to discuss the “[Family Vignettes](#)” activity and make a list of ideas for connecting with families. See [Making Family Connections](#) handout for some additional ideas.

**VII. Implementation Planning** (1:45 p.m.)

Review the vision of the GSG initiative in your community, as well as ask participants to create center-based plans using the [Team Planning Form](#)

**VIII. Wrap-up, Handouts and Session Evaluation** (2:30 p.m.)

Distribute GSG poster, review next steps and collect evaluation forms. Select from these handouts:

- [Encouraging Girls in Math and Science](#)
- [Five Myths About Girls and Science](#)
- [Get Involved...Make a Difference](#)
- [Science Daily-How Dads Influence Their Daughters' Interest in Math](#)

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## FOLLOW UP IDEAS

- Facilitate setting up the professional development on the evidence-based curriculum selected by participating sites
- Start a GSG e-mail group among participants for easy exchange of updates
- Set up a follow-up conference call with site directors
- Encourage all participants to join the GSG listserv

# CONDUCTING STAFF DEVELOPMENT ON GSG

## DETAILS ABOUT THE AGENDA

- I. Welcome and Introductions:** an opportunity to learn about the participating afterschool centers and to create a GSG community.
- II. Overview of GSG:** use the PowerPoint slides provided to give the bigger picture of the GSG national initiative, and add your own slides to talk about where your organization fits into this effort and what you hope to accomplish.
- III. Equity Activity:** Begin with Draw a Scientist; it takes about 20 minutes and points out the stereotypes that can negatively influence students' and adults' perceptions about, and dampen interest in, careers in STEM. Then select one of the following three activities. You can use the ones you don't select at follow-up staff development sessions to keep the equity focus up front.
  1. Startling Statements contains questions, answers and references about the underrepresentation of women, people of color and people with disabilities in STEM. It's an engaging activity that lays the groundwork and illustrates the rationale for why GSG is so important. The link points you to several tools related to the activity, for example, a [video](#) that demonstrates how to facilitate the activity; a [PowerPoint](#) that you can adapt by inserting other startling statements, pictures and descriptive words most relevant to your community, and [a list](#) of startling statements that you can choose from when adapting the PowerPoint. These startling statement statistics will be updated on the GSG website as new information is made available.
  2. Equity, Science and Afterschool webcast emphasizes why afterschool is the perfect venue for girls and science. The webcast can be shown in its entirety and then discussed by the group.
  3. Baby Cards activity underscores the current social messages children receive about gender roles and how those messages and roles create barriers to later success in STEM.
- IV. GSG Local Vision:** The GSG Unified Program of Change/Indicators is a handout on the vision of the GSG program related to businesses, media, schools, afterschool centers, and families. Discuss what the possibilities are in your community. What partners are in the room or can be contacted to help initiate and support GSG? Later in the agenda participants will create specific plans about how to realize their center-based goals.
- V. GSG Website:** The GSG Scavenger Hunt activity is a handout to send/give to participants before your session. It fosters exploration of the GSG website and familiarizes them with this important resource. You may want to have an incentive or a raffle for each person who completes the form.
- VI. Family Connections:** Provides participants with Family Involvement Vignettes (scenarios) to discuss and help them think about what they can do to get the GSG message to family members. Making Family Connections, a handout generated by participants at a GSG professional development institute, is provided to help facilitate your discussion. You can create a handout based on the ideas generated by the group and distribute it at a later date.
- VII. Implementation Planning:** Participants work in teams to create center-based plans using the Team Planning Form. If participants are still undecided about curriculum, you can use the Curriculum Comparison sheet to help in the decision-making. The Team Planning form becomes the team's "to do" list with specific next steps.
- VIII. Wrap Up, Handouts and Session Evaluation:** Collect team planning forms so you can copy and use them for follow up with each of the sites. Be sure to return the planning forms so sites can get started. Distribute any handouts as well the session evaluation form. Set a date for follow up. We found that short monthly conference calls with site directors/administrators and e-mails to everyone work best to keep in touch and updated on successes and challenges, and to share best practices. Encourage participants to join the GSG listserv and to share their work with others implementing the program nationally.