Welcome to the National Girls Collaborative Project
National Webinar
Teen Science Cafés: Keeping the STEAM Pipeline Open and Full
March 16, 2015

NGCP Vision
The National Girls Collaborative Project (NGCP) brings together organizations that are committed to informing and encouraging girls to pursue careers in science, technology, engineering, and mathematics (STEM).

NGCP Goals
1. Maximize access to shared resources within projects and organizations interested in engaging girls in STEM.
2. Strengthen the capacity of programs by sharing exemplary practice research and program models, outcomes and products.
3. Use the leverage of a network and the collaboration of individual girl-serving STEM programs to achieve gender equity in STEM.

National Network of Collaborative Teams
Teen Science Cafés
Keeping the STEAM Pipeline Open and Full

March 16, 2016

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Presenter
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President, Science Education Solutions
Co-Director, Teen Science Café Network

Agenda
• What is a Teen Science Café?
• Why do they matter?
• How can you get involved?
What is a Teen Science Café?

A **free, social** way for teens to explore the big advances in science and technology affecting their lives. Teens and local scientists, engineers, artists, and inventors engage in **lively conversations** and **activities** to explore a topic deeply.

What is a Teen Science Café?

 Welcoming, social, and informal

What is a Teen Science Café?

 Short and stimulating stories

What is a Teen Science Café?

 Conversation exploring: What if? Who cares? What is the impact?
Experiential learning

What is a Teen Science Café?

HOW DO WE ACHIEVE THIS?

Core Design Principles

1. Highly engaging and interactive events
2. Carefully vet and prepare scientists
3. Teen leadership and ownership
4. Attract a diverse group of teens
5. A committed adult leader
6. Strong community partnerships

Core Design Principle 1

Cafés are highly engaging and interactive

Flocking behavior of birds and teenagers

Core Design Principle 2

Teens lead and gain a sense of ownership of their Café program.
Presenters are vetted and prepared

Attract a diverse group of teens with varied motivations, exposure, and opportunities for learning about science

Strong community relationships are essential to sustainability

Each site has a local adult to mentor the teens toward success
Why Teen Cafés Matter?

Remove barriers to exploring STEM
Increase comfort discussing science
Consider multiple perspectives before making a decision

Why Teen Cafés Matter?

See science everywhere
New perspectives on the importance of STEM
Develop appetite for free choice lifelong learning

Why Teen Cafés Matter?

Meet real STEM experts leading interesting lives
Promotes STEM career interests
Brings meaning to school science
See themselves as scientists

How Can You Get Involved?

Join The Teen Science Café Network
Community of Practice
Together we...
  Reflect, Share, Evaluate & Improve
Our Reach Today

Benefits of Membership

• Support and training from peers
• Access to shared resources
• Small grants for start up
• New collaborations

Join Us @ Teensciencecafe.org

First Steps to Planning a Teen Café
Getting Started Toolkit
Small Grant Program
Annual Member Workshop

info@teensciencecafe.org
Closing

- Speaker Appreciation
- Archived Webinar Link
- Webinar Evaluation
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