TAG Workshop Organizer Meeting

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Teachers Attracting Girls
to computer science

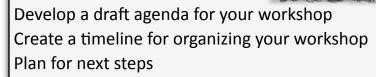
Introductions and Logic Game

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Purpose of this Meeting

Introduce you to TAG Workshop

- Assumptions
- Goals
- Methods
- Materials
- Content





What is a TAG Workshop?

Professional development for high school CS teachers

- Focused on promoting diversity

Three day summer workshop

- Thirty participants
- Stipends to support teacher participants
- Provide high-quality materials from NCWIT and CSTA



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Assumptions of TAG Workshops

Teachers are experts on

- Teaching in high school
- Introductory computer science concepts
- Their local conditions

Researchers can offer teachers

- Cutting edge content for examples and assignments
- Evidence-based advice on methods and gender diversity in CS

Teachers can offer teachers

- Field-tested content and methods
- Peer support

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Goals of TAG Workshops

Attract more and diverse students to CS

- NOT a special environment for girls
- Reform the existing special environment for certain boys

Enhance pedagogy

Develop a path to college computing majors



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Methods of TAG Workshops

Interactive

Hands-on

Treat teachers as honored guests

Promote community

- House teachers together and nearby on-campus

Take advantage of the location

Let it speak for itself; don't hype your institution

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TAG Workshop Content

Each day

- Diversity
- Special CS topic
- Pedagogy
- Share successful practices

For each topic

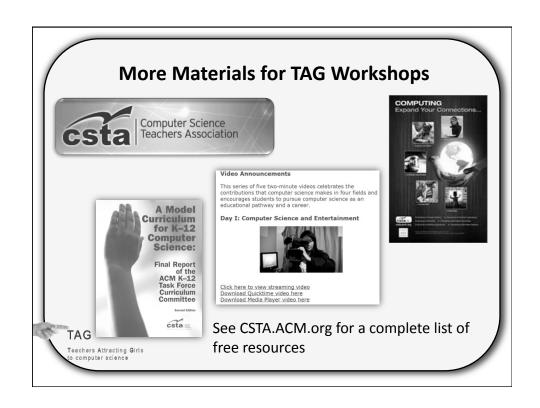
- Teachers discuss and plan how they will apply it

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HOW DOES THIS OVERVIEW FIT WITH YOUR HOPES AND EXPECTATIONS?

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AGENDA TEMPLATE

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Welcome

Keynote focusing on the future of computing education **Icebreaking**

Talking about diversity and computing

Special topic in CS, generate ideas about examples,

assignments

CS Unplugged

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Day 2

Promising practices

Rethinking CS1

Creative lessons with broad appeal

Recruiting for diversity, including student stories

Special topic in CS

Promising practice Special topic in CS Pair programming Brainstorming next steps Assess the workshop Day 3 Promising practic Special representation of the state processing process of the effective learning practice. (-1) entire processing process. (-1) entire processing special control learning practice. (-1) entire processing special control learning practice. (-1) entire processing special control learning practice. (-1) entire processing special control learning practice (-1) entire processing special control learning practice to control of entire processing special control of entire processing special control of entire processing special description in the substitution of the processing special control of entire processing special description in the substitution of the processing special description in the entire processing special description in the entire

