



**CryptoClub**  
**Monthly Community Call**

January 17, 2019

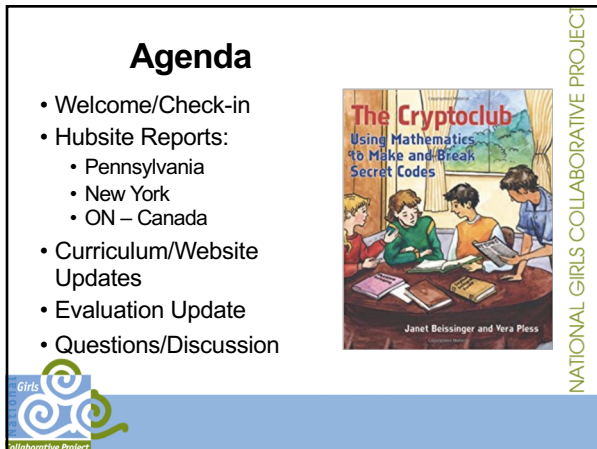
NATIONAL GIRLS COLLABORATIVE PROJECT

Logos: Girls Collaborative Project, Afterschool Alliance, AccessSTEM, SciGirls, National Girls Collaborative Project, Google, Student Research



**CryptoClub Cohorts 1 & 2**

| CA       | DC        | FL     | Girls Inc. | ID     |
|----------|-----------|--------|------------|--------|
| Sara     | Sammy     | Bonnie | Vic        | Pam    |
| Jennie   | Cherice   | Cindy  | Crispin    |        |
| IA       | IN        | MI     | MT         |        |
| Mandy    | Kevin     | Dakota | Carla      | Sandra |
| Georgia  | Frederick |        |            |        |
| NY       | ON        | OR     |            |        |
| Christi  | Timothy   | Carla  | Lorena     | Brandi |
| Christie |           | Colin  | Rachel     |        |
| PA       | WA        | WA     | WV         |        |
| Laura    | Lisa      | Cindy  | April      | Lane   |
| Casi     | Autumn    | Sherry |            |        |

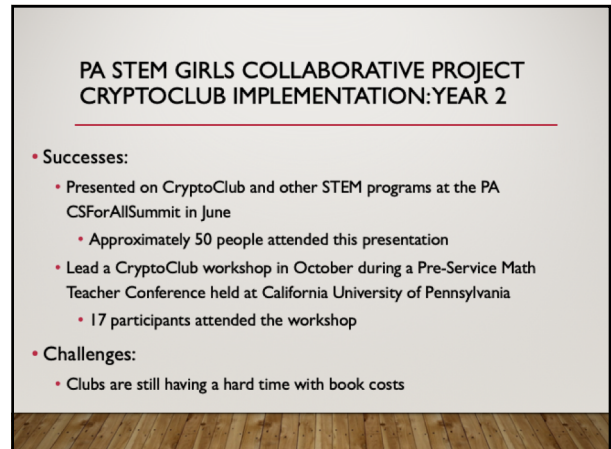


**Agenda**

- Welcome/Check-in
- Hubsite Reports:
  - Pennsylvania
  - New York
  - ON – Canada
- Curriculum/Website Updates
- Evaluation Update
- Questions/Discussion

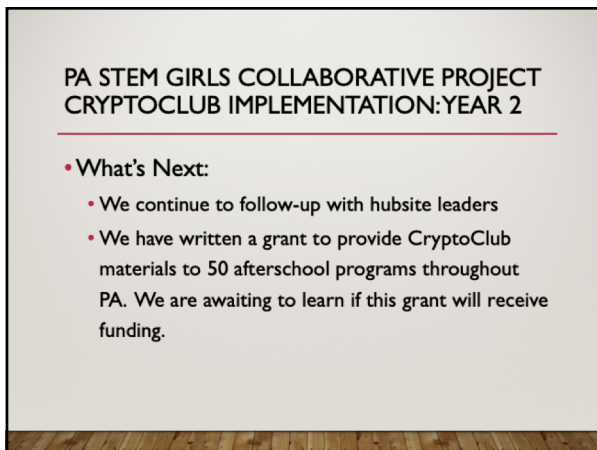
**The Cryptoclub**  
Using Mathematics to Make and Break Secret Codes  
Janet Beissinger and Vera Pless

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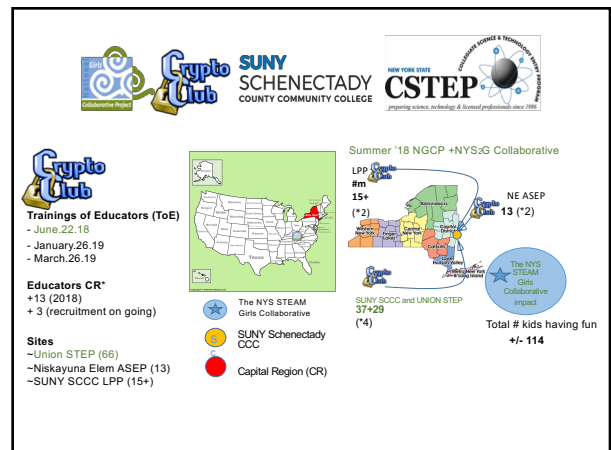
**PA STEM GIRLS COLLABORATIVE PROJECT  
CRYPTOCLUB IMPLEMENTATION: YEAR 2**

- **Successes:**
  - Presented on CryptoClub and other STEM programs at the PA CSForAllSummit in June
    - Approximately 50 people attended this presentation
  - Lead a CryptoClub workshop in October during a Pre-Service Math Teacher Conference held at California University of Pennsylvania
    - 17 participants attended the workshop
- **Challenges:**
  - Clubs are still having a hard time with book costs



**PA STEM GIRLS COLLABORATIVE PROJECT  
CRYPTOCLUB IMPLEMENTATION: YEAR 2**

- **What's Next:**
  - We continue to follow-up with hubsite leaders
  - We have written a grant to provide CryptoClub materials to 50 afterschool programs throughout PA. We are awaiting to learn if this grant will receive funding.



Logos: CryptoClub, SUNY SCHENECTADY COUNTY COMMUNITY COLLEGE, CSTEP

**Trainings of Educators (ToE)**

- June 22, 18
- January 26, 19
- March 28, 19

**Educators CR\***

- +13 (2018)
- +3 (recruitment on going)

**Sites**

- ~Union STEP (66)
- ~Niskayuna Elem ASEP (13)
- ~SUNY SCCC LPP (15+)


**Summer '18 NGCP +NYS:G Collaborative**



- LPP 15+ (\*2)
- NE ASEP 13 (\*2)
- SUNY SCCC and UNION STEP 37+28 (\*4)

**The NYS STEAM Girls Collaborative Impact**

**Total # kids having fun +/- 114**

Legend: The NYS STEAM Girls Collaborative (blue star), SUNY Schenectady CCC (yellow circle), Capital Region (CR) (red circle)



**Crypto Club**

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**Successes**

- Increase access to curriculum and programming that involve math, critical thinking and solving problems skills.
- <https://cryptoclub.org/>
- Collaborating with Educators in follow ups/training/
- Training and open opportunities to college students to have access to quality education, curriculum development and to develop educators skills.

**Challenges** → Recruiting and marketing (+ funding)

**What is next?** → > ToE, > CryptoClubs and outreach.

### Windsor Ontario Canada Hubsite

**Successes:** Great feedback from workshop participants, and interest from higher ages than target. Great for ESL.

**Challenges:** FUNDING!!!! Getting through many levels of approvals to follow through on action plans.

**Next steps:** Waiting for grant approvals



## Curriculum & Website Updates



MIDDLE-GRADE CRYPTOGRAPHY & MATHEMATICS

[Home](#)
[About](#)
[For Teachers](#)
[Curriculum](#)
[Events](#)
[CryptoClub.org](#)




Inspire  
a Love of  
Math  
Through




## Evaluation Update

### Upcoming Data Collection

- **Hubsite Leaders – Cohort 1 and 2**
  - Interviews
- **Club Leaders**
  - Interviews







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## Evaluation Update

### Ongoing Data Collection

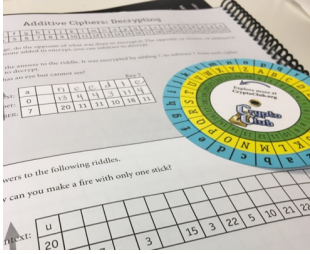
- **Youth and Club Leaders**
  - Post-implementation survey
- **Reminder**
  - Please update your exit slips with Club contact information
  - Annual reports for any Hubsite with completed surveys from 10 Clubs







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## Questions & Discussion







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## Next Community Meeting

February 21, 2019  
10:00am Pacific | 12:00pm Central | 1:00pm Eastern

**HOMEWORK**  
Create a slide

- Pictures
- Success
- Challenge
- What's next



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