



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2022-2023

LFIR # 1997

1. Project Title

2. Senate Sponsor

3. Date of Request

4. Project/Program Description

This program expands access to computer science (CS) education for girls and CS teaching capacity across the state of Florida. Few young women are currently going into CS careers despite the high demand and high pay. Reasons include too few early CS programs for girls and too few trained teachers to lead them. This program addresses both issues: 60 elementary and middle school teachers will establish and maintain at least 40 coding clubs for girls. Teachers will receive CSTA-accredited PD to learn to lead a coding club and teach coding lessons that align to FLDOE and CSTA standards. To ensure success and sustainability, teachers will get post-PD support from trained coding instructors. Club girls will gain the skills that will prepare them to excel in future CS classes and tech careers through weekly coding projects, career talks and mentoring. Students outside the clubs will benefit too, as the 60 teachers will be encouraged to incorporate coding lessons in their classrooms, as well.

5. State Agency to receive requested funds

State Agency contacted?

6. Amount of the Nonrecurring Request for Fiscal Year 2022-2023

Type of Funding	Amount
Operations	250,000
Fixed Capital Outlay	0
Total State Funds Requested	250,000

7. Total Project Cost for Fiscal Year 2022-2023 (including matching funds available for this project)

Type of Funding	Amount	Percentage
Total State Funds Requested (from question #6)	250,000	83%
Matching Funds		
Federal	0	0%
State (excluding the amount of this request)	0	0%
Local	0	0%
Other	50,000	17%
Total Project Costs for Fiscal Year 2022-2023	300,000	100%

8. Has this project previously received state funding?

Fiscal Year (yyyy-yy)	Amount		Specific Appropriation #	Vetoed
	Recurring	Nonrecurring		

9. Is future funding likely to be requested?

a. If yes, indicate nonrecurring amount per year.

b. Describe the source of funding that can be used in lieu of state funding.



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2022-2023

LFIR # 1997

10. Has the entity requesting this project received any federal assistance related to the COVID-19 pandemic?

Yes

If yes, indicate the amount of funds received and what the funds were used for.

Yes, \$40,102 for staff salaries to avoid layoffs during the pandemic.

11. Details on how the requested state funds will be expended

Spending Category	Description	Amount
Administrative Costs:		
Executive Director/Project Head Salary and Benefits		0
Other Salary and Benefits		0
Expense/Equipment/Travel/Supplies/Other		0
Consultants/Contracted Services/Study		0
Operational Costs: Other		
Salary and Benefits		0
Expense/Equipment/Travel/Supplies/Other	PD Lead Instructors, teaching assistants, and technical support to provide 60 K-8 teachers each with 18 hours of PD; Ongoing teaching support for 40 coding clubs; coding supplies for 40 clubs; postage to mail 60 PD kits and 40 club starter kits; office supplies & printing, and travel expenses to visit clubs in person.	250,000
Consultants/Contracted Services/Study		0
Fixed Capital Construction/Major Renovation:		
Construction/Renovation/Land/Planning Engineering		0
Total State Funds Requested (must equal total from question #6)		250,000

12. Program Performance

a. What specific purpose or goal will be achieved by the funds requested?

Main Purpose: To create a sustainable program to provide young girls in Florida with CS skills and career mentoring that will put them on the path to succeed in future tech careers.

Additional Benefits:

- 1) Expanded CS teaching capacity across Florida schools, as most of the teachers trained will not be current CS teachers and
- 2) Thousands of additional students – many of whom otherwise would not have tried coding – will get exposure to coding when the club teachers incorporate the lessons into their classrooms, which will lead to even students enrolling in CS classes and gaining in-demand career skills for the technical jobs of the future.

b. What activities and services will be provided to meet the intended purpose of these funds?

Each teacher will receive accredited professional development (PD), access to curriculum, and a clubs toolkit. In addition, teachers will receive instructional and administrative support throughout the project implementation year to help the clubs run smoothly in their first year and to make each club sustainable going forward. Teachers will also receive additional resources to help connect the girls in their clubs with coding competitions, access to mentors, and other motivational programs. Mid-year, teachers will be given opportunities to meet to share success stories and get additional training.

c. What direct services will be provided to citizens by the appropriation project?



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2022-2023

LFIR # 1997

This project will ensure the establishment of 40 Coding Clubs serving Florida female students, expand the computer science teaching capacity in Florida schools by training non-computer science teachers, and provide overall greater access to computer science education for girls and other underrepresented groups in computer science by encouraging trained non-CS teachers to incorporate coding lessons into their classrooms.

d. Who is the target population served by this project? How many individuals are expected to be served?

There are two target audiences in this program - teachers and students. In order to have the biggest impact, teachers from Title I schools and teachers with a large number of students, such as art teachers, will be targeted.

- We will train 60 teachers to ensure that at least 40 coding clubs for girls are established.
- Approximately 800 girls will be served by the clubs (40 clubs with 20 girls, on average, each)
- An estimated additional 4,000 students will get an introduction to coding in the classroom when the trained teachers incorporate some coding projects into their classrooms.

e. What is the expected benefit or outcome of this project? What is the methodology by which this outcome will be measured?

Expected benefits include: 1) At least 40 coding clubs for girls will be established across the state, 2) 800 girls will gain CS skills and tech career readiness in the weekly coding clubs, 3) 60 teachers will be trained to start clubs and lead coding lessons, 4) about 4,000 additional students will get coding lessons in classroom lessons from the 60 trained teachers, and 5) teachers will plan to continue leading their clubs and teaching coding in the classroom going forward. Outcomes will be measured by surveying teachers and club participants.

f. What are the suggested penalties that the contracting agency may consider in addition to its standard penalties for failing to meet deliverables or performance measures provided for the contract?

The agency's standard contract penalties are sufficient.

13. The owners of the facility to receive, directly or indirectly, any fixed capital outlay funding. Include the relationship between the owners of the facility and the entity.

N/A



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2022-2023

LFIR # 1997

14. Requestor Contact Information

a. First Name Last Name

b. Organization

c. E-mail Address

d. Phone Number Ext.

15. Recipient Contact Information

a. Organization

b. Municipality and County

c. Organization Type

- ☐ For Profit Entity
- ☒ Non Profit 501(c)(3)
- ☐ Non Profit 501(c)(4)
- ☐ Local Entity
- ☐ University or College
- ☐ Other (please specify)

d. First Name Last Name

e. E-mail Address

f. Phone Number

16. Lobbyist Contact Information

a. Name

b. Firm Name

c. E-mail Address

d. Phone Number