



The Florida Senate

Local Funding Initiative Request - Fiscal Year 2018-2019

1. **Title of Project:** Orlando Science Center "Let's Code" Program for Teachers

2. **Senate Sponsor:** Linda Stewart

3. **Date of Submission:** 11/13/2017

4. **Project/Program Description:**

Orlando Science Center will provide hands-on computer science Teacher Professional Development (TPD) courses for up to 75 teachers across 5 counties (1-4 corridor). The Code.org free curriculum, developed by engineers from Google, Microsoft, Facebook, and others has been successfully tested and used by over 600,000 teachers and 2.2 million students across the U.S. Florida lacks any dedicated funding for computer science TPD. Less than 14% of Florida schools have Advanced Placement computer science courses. The Let's Code TPD presented by Orlando Science Center will prepare teachers to confidently teach computer science concepts and principles to students in high school, enabling them to create apps, websites, games, and simulations. Currently, 20,000 computer science jobs in Florida are unfilled. Let's Code TPD will offer knowledge and core teaching practices that will broaden participation and inspire and motivate students to continue computer science studies after high school.

5. **State Agency Contacted?** No

a. If yes, which state agency?

b. If no, which is the most appropriate state agency to place an appropriation for the issue being requested?
Department of Education

6. **Amount of Non-recurring Requested for fiscal year 2018-19:**

Amount Requested for Operations	Amount Requested for Fixed Capital Outlay	Total Amount of Requested State Funds
177,000		177,000

7. **Type, amount and percent of matching funds available for this project for fiscal year 2018-19:**

Type	Amount	Percent
Federal	0	0.0%
State (excluding the amount of this request)	0	0.0%
Local	0	0.0%
Other	21,908	11.0%
TOTAL	21,908	11.0 %

8. **Total Project Cost for fiscal year 2018-19 (including the Total Amount of Requested State Funds):** 198,908



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9. Previous Year Funding Details:

- Has funding been provided in a previous state budget for this activity? No
- In the previous 5 fiscal years, how many years was funding provided? (Optional)
- What is the most recent fiscal year the project was funded?
- Were the funds provided in the most recent fiscal year subsequently vetoed?
- Complete the following Worksheet.

FY:	Input Prior FY Appropriation for this project for FY 2017-18 (If appropriated in FY 2017-18 enter the appropriated amount, even if vetoed.)		
Column:	A	B	C
Funds Description:	Prior Year Recurring Funds *	Prior Year Nonrecurring Funds *	Total Funds Appropriated (Column A + Column B)
Input Amounts:			

10. Is future-year funding likely to be requested?

No

11. Program Performance:

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

Up to 75 teachers who complete Let's Code professional development will be prepared to confidently teach computer science to diverse students at their schools during the 2018-2019 academic year. Because there are no prerequisites required for Let's Code courses, more girls and underrepresented minorities will be introduced to computer science, broadening participation.

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

Orlando Science Center's "Let's Code" program will provide computer science professional development training developed by Code.org. It introduces teachers to computer science concepts and code teaching practices in computer science curriculum. Florida lacks dedicated funding for computer science professional development for teachers. Let's Code will prepare teachers to teach computer science, inspire elementary through high school students, increase diversity, and help fill over 20,000 computer science jobs in the state.

c. How will the funds be expended?

Spending Category	Description	Amount
Administrative Costs		
<input type="checkbox"/> Executive Director/Project Head Salary and		



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Benefits		
<input checked="" type="checkbox"/> Other Salary and Benefits	Salaries and benefits for a total of 2 OSC staff to prepare computer science professional development program materials and curricula for 2018-2019.	22,500
<input type="checkbox"/> Expense/Equipment/Travel/Supplies/Other		
<input type="checkbox"/> Consultants/Contracted Services/Study		
Operational Costs		
<input checked="" type="checkbox"/> Salary and Benefits	Salaries and benefits for a total of 2 OSC facilitators to administer computer science professional development training workshops to 75 teachers across 5 school districts for 2018-2019.	45,000
<input checked="" type="checkbox"/> Expense/Equipment/Travel/Supplies/Other	Travel costs, minor equipment costs, supplies, costs for food provisions, venue rental fees and costs, and school district substitute fees to facilitate the computer science professional development training workshops to teachers across 5 school districts for 2018-2019.	109,500
<input type="checkbox"/> Consultants/Contracted Services/Study		
Fixed Capital Construction/Major Renovation		
<input type="checkbox"/> Construction/Renovation/Land/Planning Engineering		
TOTAL		177,000



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d. What are the direct services to be provided to citizens by the appropriations project?

Teachers will receive excellent computer science professional development training. They will be prepared to use project-based and/or portfolio-based assessments.

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

Teachers recruited from participating school districts, and ultimately students in K-12 schools.

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

75 teachers to complete computer science professional development training and be prepared to teach computer science courses to students at their schools for the 2018-2019 academic year. Outcomes will be assessed based on teacher and content knowledge growth as shown on participation surveys. Orlando Science Center staff will assess teachers participating in the training workshops. Surveys of school districts administering computer science classes and total students enrolled.

g. 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 in the contract?

Orlando Science Center will furnish reports to describe project progress during the period of performance.

12. The owner(s) of the facility to receive, directly or indirectly, any fixed capital outlay funding. Include the relationship between the owner(s) of the facility and the entity.

None.

13. Requestor Contact Information:

- a. **Name:** Heather Norton
- b. **Organization:** Orlando Science Center
- c. **Email:** hnorton@osc.org
- d. **Phone Number:** (407)514-2097

14. Recipient Contact Information:

- a. **Organization:** Orlando Science Center
- b. **County:** Orange
- c. **Organization Type:**
 - ☐ For Profit
 - ☒ Non Profit 501(c) (3)
 - ☐ Non Profit 501(c) (4)
 - ☐ Local Entity
 - ☐ University or College
 - ☐ Other (Please specify)
- d. **Contact Name:** Heather Norton
- e. **E-mail Address:** hnorton@osc.org
- f. **Phone Number:** (407)514-2097



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15. If there is a registered lobbyist, fill out the lobbyist information below.

- a. Name:** Oscar Anderson
- b. Firm:** Southern Strategy Group
- c. Email:** anderson@sostrategy.com
- d. Phone Number:** (407)650-5052