



The Florida Senate

Local Funding Initiative Request - Fiscal Year 2018-2019

1. **Title of Project:** NE Florida 21st Century Workforce Development Bill

2. **Senate Sponsor:** Aaron Bean

3. **Date of Submission:** 12/11/2017

4. **Project/Program Description:**

The purpose of this project is to increase the availability of educational programs that will build interest as well as the needed prerequisite mathematics skills for high-demand STEM- related careers throughout the Northeast Florida region. To be workforce-ready for these careers, students must have skills that include computer science and coding, web development, as well as demonstrate competency in mathematics. Through this program, students will have the opportunity to participate in competitive robotics and mathematics programs, as well as receive an introduction to coding concepts beginning at the elementary school level. Teacher content knowledge in mathematics will be developed to a depth that will allow for great student learning gains, and lead to increases in the first-time pass rate for the algebra I end-of-course assessment.

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
975,000		975,000

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	300,000	23.5%
TOTAL	300,000	23.5 %

8. **Total Project Cost for fiscal year 2018-19 (including the Total Amount of Requested State Funds):** 1,275,000

9. **Previous Year Funding Details:**



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

FY:	Input Prior FY Appropriation for this project for FY 2017-18		
	A	B	C
	(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?

By the end of the program period, all schools in the Northeast Florida region shall have the opportunity to offer 21st Century Skills Development Programs with a focus on robotics, coding, and mathematics. Targeted teachers schools in the Northeast Florida region shall have the opportunity to participate in mathematics programs that will deepen content knowledge and increase student growth in mathematics, leading to STEM capable graduates.

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

Targeted teachers schools in the Northeast Florida region shall have the opportunity to participate in mathematics programs that will deepen content knowledge and increase student growth in mathematics, leading to STEM capable graduates.

c. How will the funds be expended?

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



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<input type="checkbox"/> Other Salary and Benefits		
<input type="checkbox"/> Expense/Equipment/Travel/Supplies/Other		
<input type="checkbox"/> Consultants/Contracted Services/Study		
Operational Costs		
<input type="checkbox"/> Salary and Benefits		
<input checked="" type="checkbox"/> Expense/Equipment/Travel/Supplies/Other	Supplies, suchs as robotics equipment, devices, curriculum tools, registration fees for competitive teams, professional materials, classroom and training supplies, travel to competitions.	735,000
<input checked="" type="checkbox"/> Consultants/Contracted Services/Study	Professional Development for mathematics content development, robotic, computer science.	240,000
Fixed Capital Construction/Major Renovation		
<input type="checkbox"/> Construction/Renovation/Land/Planning Engineering		
TOTAL		975,000

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

The citizens shall enjoy the benefit of top rated schools with the availability of programs in robotics, mathematics, coding, web development, and computer science instruction offered both during the school day and as enrichment that will occur before and/or after school. Out of school competitive programs, such as robotics and math competitions, will spotlight the programs bringing positive attention to the region. Students shall have the benefit of strong mathematical abilities, opening doors for the most in-demand jobs. Mentors and community leaders shall have to opportunity to engage with career ready students who will be available to intern in their industries. Strong economic development trends are expected as the on-going benefits of the development of a STEM capable workforce develops.

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



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The direct target population for this project includes students enrolled in schools across the Northeast Florida regions, especially those who are currently underrepresented in STEM fields, as well as those teaching these students. The indirect target population includes school district leadership, school-based administrators, teachers, community partners, and industry professionals with an interest in the development of a STEM-Capable workforce.

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

The expected long term benefit of this project is the development of a 21st Century ready workforce which will positively impact the local community. Short term benefits will include an increase in the number of students given the opportunity to participate in robotics, coding, and math competitions that will lead to higher engagement in school and to a stronger interest in and awareness of STEM career pathways. The methodology by which the program outcomes shall include quantitative and qualitative data. Examples include program growth rate by the number of impacted students by region and by demographics, student surveys of the affective impact upon the learner to include change in perception of STEM careers disaggregated by demographic data, and stakeholder satisfaction data, and long term outcomes include increased proficiency as measured by the first time pass rate on the algebra I end-of-course examination.

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?

Standard penalties apply

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.

N/A

13. Requestor Contact Information:

- Name:** Gary Chartrand
- Organization:** Northeast Florida Regional STEM2 hub
- Email:** gchartrand@acosta.com
- Phone Number:** (904)631-1409

14. Recipient Contact Information:

- Organization:** Northeast Florida Regional STEM2 hub
- County:** Duval
- Organization Type:**
 - For Profit
 - Non Profit 501(c) (3)
 - Non Profit 501(c) (4)
 - Local Entity
 - University or College
 - Other (Please specify)
- Contact Name:** Kathleen Schofield



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e. E-mail Address: kathleen@stem2hub.org

f. Phone Number: (904)502-0958

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

a. Name: None

b. Firm: None

c. Email:

d. Phone Number: