



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2019-2020

LFIR#: 1628

1. Title of Project: Volusia County Schools – STEM in Elementary Schools

2. Senate Sponsor: Tom Wright

3. Date of Submission: 02/06/2019

4. Project/Program Description:

Provide STEM education weekly to students in grades K-5 at two west side elementary schools by providing teachers with professional development on incorporating STEM lessons, providing curriculum, resources and materials.

5. State Agency to receive requested funds : Department of Education

State Agency Contacted? No

6. Amount of the Nonrecurring Request for Fiscal Year 2019-2020

Type of Funding	Amount
Operations	88,000
Fixed Capital Outlay	
Total State Funds Requested	88,000

7. Total Project Cost for Fiscal Year 2019-2020 (including matching funds available for this project)

Type of Funding	Amount	Percent
Total State Funds Requested (from question #6)	88,000	100.00%
Federal		0.00%
State (excluding the amount of this request)		0.00%
Local		0.00%
Other		0.00%
Total Project Costs for Fiscal Year 2019-2020	88,000	100.0%

8. Has this project previously received state funding? No

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

9. Is future-year funding likely to be requested? No

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

Spending Category	Description	Amount
Administrative Costs:		
Executive Director/Project Head Salary and Benefits		
Other Salary and Benefits		



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Expense/Equipment/Travel/Supplies/Other		
Consultants/Contracted Services/Study		
Operational Costs:		
Salary and Benefits		
Expense/Equipment/Travel/Supplies/Other	Lego Education WeDo Robots \$10000; Keva Planks \$500; Knex Renewable Energy \$7300; FlashForge 3D Printer 2 per sch \$2800; 3D Printer Cart x4 \$1600; Computers for use with STEM \$12000; Little Bits Coding STEM Kits \$3600; Fairly Tales STEM Kit 1&2 \$2700; Snap Circuits \$3000; Training Robotics\$10000; Magnets\$500; STEM Supplies/Consumables \$10000; STEM Professional Learning Library \$4000; Picture Perfect STEM Lessons Book Collection 1&2 \$2000; STEM Training and PLC time \$48,000	88,000
Consultants/Contracted Services/Study		
Fixed Capital Construction/Major Renovation:		
Construction/Renovation/Land/Planning Engineering		
Total State Funds Requested (must equal total from question #6)		88,000

11. Program Performance:

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

STEM provides a unique way of learning for students which enhance their understanding and creates pathways for the brain by giving students the “Why are we learning this?” Students engage more fully in the State Standards by applying what they are learning in a real and authentic way. STEM teachers utilize 21st Century Skills (Cooperation, Creativity, Collaboration, Critical Thinking) that all employers state is needed in our workforce. STEM has shown to decrease behavior issues, resulting in less referrals and increase attendance. STEM allows for involvement of parents and community.

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

Provide STEM education weekly to students in grades K-5 at two west side elementary schools by providing teachers with professional development on incorporating STEM lessons, providing curriculum, resources and materials. By providing these resources, students will be exposed to STEM activities and lessons which will help them to gain a better understanding and hands on experience.

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

In addition to the over 2,500 students of Volusia County that will be directly impacted, our local businesses, industries and corporations will be able to secure the next generation workforce that is equipped to handle the STEM needs of our world. This has the potential to impact future families in our community, thus building our local economy.

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

Economically disadvantaged persons; At-risk youth; Elementary School students



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

Enhanced Educational Experience as evidenced by increased academic achievement, standardized test scores, attendance and basic understanding of STEM principles.

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 in the contract?

Standard penalties are sufficient.

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:

- a. **Name:** Amy Monahan
- b. **Organization:** Volusia County Schools
- c. **E-mail Address:** ammonaha@volusia.k12.fl.us
- d. **Phone Number:** (386)255-6475

14. Recipient Contact Information:

- a. **Organization:** Volusia County School Board
- b. **County:** Volusia
- c. **Organization Type:**
 - For Profit
 - Non Profit 501(c) (3)
 - Non Profit 501(c) (4)
 - Local Entity
 - University or College
 - Other (Please specify) Public school System
- d. **Contact Name:** Tom Russell
- e. **E-mail Address:** JRussell
- f. **Phone Number:** (386)255-6475 Ext. 20210

15. Lobbyist Contact Information

- a. **Name:** Amy Hall
- b. **Firm Name:** Volusia County Schools
- c. **E-mail Address:** alhall@volusia.k12.fl.us
- d. **Phone Number:** (386)255-6475 Ext. 20658