



The Florida Senate

Local Funding Initiative Request - Fiscal Year 2018-2019

1. **Title of Project:** Volusia STEM/Blended Learning

2. **Senate Sponsor:** Dorothy Hukill

3. **Date of Submission:** 01/09/2018

4. **Project/Program Description:**

To implement a zSpace lab to further enhance our nationally recognized and certified STEM elementary school program. As a result of the AdvancED STEM certification review, Edgewater Public School has earned the distinction of the AdvancED certification. Edgewater was tasked to continue support for students to regularly engage in activities that meet the diverse needs and styles of learners in ways that foster independent critical thinking as well as transformative collaboration. In keeping with the nature of STEM, students are to make regular use of technology through the learning process, from enhanced research and data gathering to innovative experiential learning opportunities. The zSpace Lab is a bridge to strengthen and build upon those goals to support the continued advancement and outreach of science and career connections within STEM Lessons.

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
25,000		25,000

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	50,000	66.7%
Other	0	0.0%
TOTAL	50,000	66.7 %

8. **Total Project Cost for fiscal year 2018-19 (including the Total Amount of Requested State Funds):** 75,000

9. **Previous Year Funding Details:**



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- a. Has funding been provided in a previous state budget for this activity? Yes
- b. In the previous 5 fiscal years, how many years was funding provided? (Optional) 1
- c. What is the most recent fiscal year the project was funded? 2017-18
- d. Were the funds provided in the most recent fiscal year subsequently vetoed? Yes
- e. 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:		14,270	14,270

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?

Edgewater Elementary in Volusia County is requesting to implement a zSpace lab to further enhance their nationally recognized and certified STEM school program. Funds will be used to purchase equipment, one-time licensing fee, one-time onsite training and software for the zSpace labs. The integration of this lab will help to increase the Reading and Science achievement of Title 1 students. Students will be exposed to differentiated and rigorous instruction while using "hands on", innovative technology.

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

Software and equipment acquisition, training and implementation.

c. How will the funds be expended?

Spending Category	Description	Amount
Administrative Costs		
<input type="checkbox"/> Executive Director/Project Head Salary and Benefits		
<input type="checkbox"/> Other Salary and Benefits		
<input checked="" type="checkbox"/> Expense/Equipment/Travel/Supplies/Other	Purchase of equipment,	25,000



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	licensing fee, one-time onsite training and software for zspace.	
<input type="checkbox"/> Consultants/Contracted Services/Study		
Operational Costs		
<input checked="" type="checkbox"/> Salary and Benefits	Teacher Salary and Benefits.	50,000
<input type="checkbox"/> Expense/Equipment/Travel/Supplies/Other		
<input type="checkbox"/> Consultants/Contracted Services/Study		
Fixed Capital Construction/Major Renovation		
<input type="checkbox"/> Construction/Renovation/Land/Planning Engineering		
TOTAL		75,000

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

Zspace Labs for students in grades K-5 at Edgewater Elementary School

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

The integration of the zSpace lab will target students in all grade levels. We are strategically pursuing this program as an integrated, research-based process to increase the Reading and Science achievement for our Title 1 students. Our school improvement plan focuses on providing students with differentiated, rigorous instruction driven by standards. A strategy to reach our goal is through Digital Blended Learning of which Edgewater Public School is currently seeking district certification. Using the zSpace technology will not only increase student engagement but, also provide students with multiple opportunities to enhance and deepen their learning with real-world strategies.

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

The goal of integrating this lab as part of our regular curriculum is to positively affect the Reading and Science achievement of our students, of which 80 percent come from an economically disadvantaged home. Students will be exposed to differentiated and rigorous instruction while using “hands on”, innovative technology that supports Florida standards. Using this Zspace technology, students can make changes to their designs, and reach a deeper understanding through the interaction of using virtual reality. From continued use of the zSpace program and tools, we expect an increase in science scores for Grades 3, 4, and 5. We not only expect our student academic achievement to increase, but attendance as well. A zSpace lab will provide our students with



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the 21st century technology that they will need moving forward into their adult life as they become contributing members of our community.

- 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 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.**

Edgewater Elementary School

- 13. Requestor Contact Information:**

- a. **Name:** Becky Porter
- b. **Organization:** Volusia County Schools
- c. **Email:** rlporter@volusia.k12.fl.us
- d. **Phone Number:** (386)255-6474

- 14. Recipient Contact Information:**

- a. **Organization:** Volusia County Schools
- 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
- d. **Contact Name:** Becky Porter
- e. **E-mail Address:** rlporter@volusia.k12.fl.us
- f. **Phone Number:** (386)255-6474

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

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