



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2019-2020

LFIR#: 1877

1. Title of Project: Mandarin STEM Expansion Project

2. Senate Sponsor: Aaron Bean

3. Date of Submission: 02/13/2019

4. Project/Program Description:

Mandarin High School, of Jacksonville, Florida, seeks to prepare students for jobs of the future. With additional support and updates to the media center, Mandarin High can offer advanced computer programming, advance technology tools such as 3D printers, mixed reality headsets as well as the ability to host regional tournaments. Through our partnership with Embry Riddle Aeronautical University, we can expand our drone curriculum into Mandarin Middle school.

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	50,000
Fixed Capital Outlay	150,000
Total State Funds Requested	200,000

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)	200,000	70.2%
Federal	0	0.0%
State (excluding the amount of this request)	0	0.0%
Local	85,000	29.8%
Other	0	0.0%
Total Project Costs for Fiscal Year 2019-2020	285,000	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		



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Benefits		
Other Salary and Benefits		
Expense/Equipment/Travel/Supplies/Other	Training to expand drone curriculum into a neighboring middle school (Mandarin Middle School)	30,000
Consultants/Contracted Services/Study		
Operational Costs:		
Salary and Benefits		
Expense/Equipment/Travel/Supplies/Other	Funds will be used to purchase Mixed Reality headsets, 3D printers, and robotics equipment.	20,000
Consultants/Contracted Services/Study		
Fixed Capital Construction/Major Renovation:		
Construction/Renovation/Land/Planning Engineering	Updates to include the library to accommodate updated equipment	150,000
Total State Funds Requested (must equal total from question #6)		200,000

11. Program Performance:

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

Increased opportunities for engagement in advanced STEM education activities and project based learning. This project is intended to provide accelerated learning opportunities for students.

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

Project based learning opportunities with 3D printers, mixed reality headsets and advanced computer applications.

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

The direct learning opportunities include training in 21st century technology and tools, improved computer science instruction to increase a student's mastery, and increase exposure for middle school students to STEM education activities.

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

Middle and High School Students. We expect to serve 400 additional students.

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

Number of Student participating in STEM Related programming, and growth of proficiency on the FSA in math and science subjects.

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?

Termination of Funding

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



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relationship between the owner(s) of the facility and the entity.

Duval County Public Schools

13. Requestor Contact Information:

- a. **Name:** Dr. Diana Greene
- b. **Organization:** Duval County Public Schools
- c. **E-mail Address:** greened@duvalschools.org
- d. **Phone Number:** (904)390-2115

14. Recipient Contact Information:

- a. **Organization:** Duval County Public Schools
- b. **County:** Duval
- c. **Organization Type:**
 - For Profit
 - Non Profit 501(c) (3)
 - Non Profit 501(c) (4)
 - Local Entity
 - University or College
 - Other (Please specify) School District
- d. **Contact Name:** Dr. Diana Greene
- e. **E-mail Address:** greened@duvalschools.org
- f. **Phone Number:** (904)390-2115

15. Lobbyist Contact Information

- a. **Name:** Kimberly Miller
- b. **Firm Name:** Duval County Public Schools
- c. **E-mail Address:** millerk6@duvalschools.org
- d. **Phone Number:** (904)403-4634