



The Florida Senate

Local Funding Initiative Request - Fiscal Year 2018-2019

1. **Title of Project:** University of Florida Lastinger Center - Algebra Nation

2. **Senate Sponsor:** Anitere Flores

3. **Date of Submission:** 10/25/2017

4. **Project/Program Description:**

Algebra Nation is an innovative, 100% Florida Standards-aligned teaching and learning system that is proven to improve student mastery of Pre-Algebra, Algebra 1, Geometry, and Algebra 2. Available online, anytime and from desktop, lap top, tablet, or mobile device, Algebra Nation is available to help a student right when they need it. Algebra Nation serves 100% of Florida school districts, with approximately 500,000 students and 20,000 teachers utilizing the platform each year. Students learn from their choice of dynamic “study expert” through engaging, impactful instructional videos. Algebra Nation also produces a workbook for Algebra 1, Geometry, and Algebra 2 that accompanies the videos and offers extra practice. They also can receive homework help after school on the Algebra Wall, a Facebook- style homework help line where they can reach tutors and other peers. The “Test Yourself” Tool provides students with hundreds of practice questions that emulate the End-of-Course exam.

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
4,000,000		4,000,000

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	0	0.0%
TOTAL	0	0.0 %

8. **Total Project Cost for fiscal year 2018-19 (including the Total Amount of Requested State Funds):** 4,000,000



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9. Previous Year Funding Details:

- Has funding been provided in a previous state budget for this activity? Yes
- In the previous 5 fiscal years, how many years was funding provided? (Optional) 4
- What is the most recent fiscal year the project was funded? 2017-18
- Were the funds provided in the most recent fiscal year subsequently vetoed? No
- 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:		1,000,000	1,000,000

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

Yes

- If yes, indicate non-recurring amount per year.

\$4,000,000

11. Program Performance:

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

Algebra Nation has been proven to improve End-of-Course exam results in Algebra 1, Geometry, and Algebra 2.• Provide mathematics resources directly to 500,000 students and 20,000 teachers in Algebra 1, Geometry, and Algebra 2 • Serve 100% of Florida public school districts and charter schools• Provide students and teachers with over 1,000 videos that are 100% aligned to Florida standards• Provide students, teachers, and parents with access to online, mobile, and tablet apps (mobile and tablet apps are accessible on devices up to 5 years old).• Provide Algebra 1, Geometry, and Algebra 2 assistance and statewide tutoring from math experts on the platform to any Florida student or parent on nights and weekends • Distribute over 350,000 Algebra 1, Geometry, and Algebra 2 workbooks that are 100% aligned to Florida standards• Offer online assessments simulating the Algebra 1 and Geometry EOC exams with real-time feedback•

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

See answer for 11a.

- How will the funds be expended?



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Spending Category	Description	Amount
Administrative Costs		
<input type="checkbox"/> Executive Director/Project Head Salary and Benefits		
<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 checked="" type="checkbox"/> Salary and Benefits	Salaries include 10 full-time personnel: - Full-time personnel of 2 professional development (PD) specialist, 1 content specialist, 5 math study experts, 1 evaluation manager, 1 program coordinator- 10 part-time online math tutors	1,000,000
<input checked="" type="checkbox"/> Expense/Equipment/Travel/Supplies/Other	- Production, printing, & distribution of 250,000 Algebra 1 workbooks- Production, printing, & distribution of 100,000 Geometry workbooks- Production, printing, & distribution of 50,000 Algebra 2 workbooks- Production, printing, & distribution of professional development materials and resources- Travel and delivery of 100+ professional development trainings throughout Florida	1,500,000
<input checked="" type="checkbox"/> Consultants/Contracted Services/Study	- Develop, produce, and place 1,000 mathematics instructional videos in pre-	1,500,000



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	Algebra, Algebra 1, Geometry, and Algebra 2 that are 100% aligned to state standards on Algebra Nation platform- Production of original mathematics content (both completed in-house and externally) that is 100% Florida standards aligned that covers the following courses: Pre-Algebra, Algebra 1, Geometry, and Algebra 2- University of Florida program evaluation and reporting- Cloud storage space and Algebra Nation platform	
Fixed Capital Construction/Major Renovation		
<input type="checkbox"/> Construction/Renovation/Land/Planning Engineering		
TOTAL		4,000,000

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

Free, 24/7 access for Pre-Algebra, Algebra 1, Geometry, and Algebra 2 students and teachers to the digital system that offers: 1,000 mathematics instructional videos; free after hours homework help line; interactive practice tool; adaptive, personalize learning tool to remediate pre-algebra and other critical math skills. Teachers also have access to a custom-built teacher professional development network that provides free teaching resources, including videos, lessons, and activities, as well as opportunities to connect with other math teacher across the state. Algebra Nation also provides free professional development opportunities to teachers across Florida at no charge to them. 350,000 Algebra 1, Geometry, and Algebra 2 workbooks will be produced, printed, and shipped to students and teachers across Florida.

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

Pre-Algebra, Algebra 1, Geometry, and Algebra 2 students and teachers in 100% of Florida school districts and charter schools. An expected 500,000 students and 20,000 teachers will be served.

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



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Improved student achievement in mathematics is the expected outcome. A team of researchers will evaluate achievement using the Florida End-of-Course exam scores and pass rates.

- 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?**

Corrective Action

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:** Dr. Philip Poekert
- b. **Organization:** University of Florida Lastinger Center
- c. **Email:** poekert@coe.ufl.edu
- d. **Phone Number:** (352)273-4103

14. **Recipient Contact Information:**

- a. **Organization:** University of Florida Lastinger Center
- b. **County:** Alachua
- 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:** Dr. Philip Poekert
- e. **E-mail Address:** poekert@coe.ufl.edu
- f. **Phone Number:** (352)273-4103

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

- a. **Name:** Jerry McDaniel
- b. **Firm:** Southern Strategy Group
- c. **Email:** Mcdaniel@sostrategy.com
- d. **Phone Number:** (850)566-6068