

Appropriations Project Request - Fiscal Year 2020-21

For projects meeting the Definition of House Rule 5.14

1. Title of Project: University of Florida Lastinger Center - Algebra Nation Florida - Statewide Digital Math Enhancement Program

2. Date of Submission: 09/24/2019

3. House Member Sponsor: Alex Andrade

Members Copied:

4. DETAILS OF AMOUNT REQUESTED:

- a. Has funding been provided in a previous state budget for this activity? Yes
If answer to 4a is "No" skip 4b and 4c and proceed to 4d, Col. E
- b. What is the most recent fiscal year the project was funded? 2018-19
- c. Were the funds provided in the most recent fiscal year subsequently vetoed? No
- d. Complete the following Project Request Worksheet to develop your request:

| FY: | Input Prior Year Appropriation for this project for FY 2019-20 <i>(If appropriated in 2019-20 enter the appropriated amount, even if vetoed.)</i> | | | Develop New Funds Request for FY 2020-21 <i>(Requests for additional RECURRING funds are prohibited.)</i> | | |
|--------------------|---|-------------------------------|---|---|--|---|
| Column: | A | B | C | D | E | F |
| Funds Description: | Prior Year Recurring Funds | Prior Year Nonrecurring Funds | Total Funds Appropriated <i>(Recurring plus Nonrecurring: column A + column B)</i> | Recurring Base Budget <i>(Will equal non-vetoed amounts provided in Column A)</i> | Additional Nonrecurring Request | TOTAL Nonrecurring plus Recurring Base Funds <i>(Will equal the amount from the Recurring base in Column D plus the Additional Nonrecurring Request in Column E.)</i> |
| Input Amounts: | | | | | 2,650,000 | 2,650,000 |

5. Are funds for this issue requested in a state agency's Legislative Budget Request submitted for FY 2020-21? No

5a. If yes, which state agency?

5b. If no, which is the most appropriate state agency to place an appropriation for the issue being requested? Department of Education

5c. Has the appropriate state agency for administering the funding, if the request were appropriated, been contacted? Yes

5d. Describe penalties for failing to meet deliverables or performance measures which the agency should provide in its contract to administer the funding if appropriated.

Failure to meet deliverables will result in a full return of funds to administering agency.

6. Requester:

- a. Name: Brittany Birken
- b. Organization: University of Florida Lastinger Center
- c. Email: bbirken@coe.ufl.edu
- d. Phone #: (850)212-0408

7. Contact for questions about specific technical or financial details about the project:

- a. Name: Brittany Birken
- b. Organization: University of Florida Lastinger Center
- c. Email: bbirken@coe.ufl.edu
- d. Phone #: (850)212-0408

8. Is there a registered lobbyist working to secure funding for this project?

- a. Name: Carol Bracy
- b. Firm: Ballard Partners
- c. Email: carol@ballardpartners.com
- d. Phone #: (850)577-0444

9. Organization or Name of entity receiving funds:

- a. Name: University of Florida Lastinger Center
- b. County (County where funds are to be expended): Alachua
- c. Service Area (Counties being served by the service(s) provided with funding): Statewide

10. What type of organization is the entity that will receive the funds? (Select one)

- For Profit
- Non Profit 501(c) (3)
- Non Profit 501(c) (4)
- Local Government
- University or College
- Other (Please describe)

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

Algebra Nation, an innovative online mathematics teaching and learning platform, works to significantly improve secondary mathematics achievement for Florida's students. This funding will provide all students and teachers in public, private, charter, and home schools, with anytime access to digital resources and tools for middle grade math, pre-algebra, algebra 1, geometry, and algebra 2 topics.

12. Provide specific details on how funds will be spent. (Select all that apply)

| Spending Category | Description | Nonrecurring (Should equal 4d, Col. E) Enter "0" if request is zero for the category |
|--|---|--|
| Administrative Costs: | | |
| <input checked="" type="checkbox"/> a. Executive Director/Project Head Salary and Benefits | Salary and benefits for program coordinator to oversee the development and implementation of proposed activities | 5,000 |
| <input type="checkbox"/> b. Other Salary and Benefits | | |
| <input type="checkbox"/> c. Expense/Equipment/Travel/Supplies/Other | | |
| <input type="checkbox"/> d. Consultants/Contracted Services/Study | | |
| Operational Costs: | | |
| <input checked="" type="checkbox"/> e. Salaries and Benefits | Salary and benefits for: mathematics education faculty to provide content development and review; implementation support staff to provide professional development, trainings, access and integration support, and communications with teachers, administrators, and other staff; research and evaluation team to collect and analyze impact of Algebra | 1,000,000 |

| | | |
|---|--|------------------|
| | Nation on student achievement | |
| <input checked="" type="checkbox"/> f. Expenses/Equipment/Travel/Supplies/Other | Travel across the state to provide professional development and other support to teachers and students | 145,000 |
| <input checked="" type="checkbox"/> g. Consultants/Contracted Services/Study | Salaries for implementation of proposed activities, including expansion of middle grades math, integration with private and charter schools, intensive professional development sessions, standards transition support | 1,500,000 |
| Fixed Capital Construction/Major Renovation: | | |
| <input type="checkbox"/> h. Construction/Renovation/Land/Planning Engineering | | |
| TOTAL | | 2,650,000 |

13. For the Fixed Capital Costs requested with this issue (In Question 12, category “h. Fixed Capital Outlay” was selected), what type of ownership will the facility be under when complete? (Select one correct option)

- For Profit
- Non Profit 501(c) (3)
- Non Profit 501(c) (4)
- Local Government (e.g., police, fire or local government buildings, local roads, etc.)
- State agency owned facility (For example: college or university facility, buildings for public schools, roads in the state transportation system, etc.)
- Other (Please describe)

14. Is the project request an information technology project?

No

15. Is there any documented show of support for the requested project in the community including public hearings, letters of support, major organizational backing, or other expressions of support?

Yes

15a. Please Describe:

In 2018-2019, Algebra Nation served 20,450 teachers and 506,413 students in 3,450 schools across Florida. Algebra Nation has received thousands of letters, emails, posters, videos and messages of support from students, teachers, parents, math coaches, and district specialists over the years, stating how the program has had a significant positive impact on student engagement and achievement.

16. Has the need for the funds been documented by a study, completed by an independent 3rd party, for the area to be served?

Yes

16a. Please Describe:

Mathematical thinking, including the ability to reason, problem-solve and think critically, is essential for success in school and the modern workforce. With 67% of eighth-grade students not proficient in math, a large majority of students lack the critical skills needed to succeed (Nation's Report Card, 2019). By 2020, the US Chamber of Commerce Foundation projects 6 million unfilled positions due to related skills gaps that can be addressed for future talent with improved math competencies.

17. Will the requested funds be used directly for services to citizens?

Yes

17a. What are the activities and services that will be provided to meet the purpose of the funds?

Funding would provide digital platform access to all public, private, charter school, and home-schooled students and teachers for 6th, 7th, 8th, algebra 1, geometry, and algebra 2 courses. Algebra Nation will serve as a leading support in transitioning teachers and students to the new mathematical standards, and will offer targeted, intensive professional development to teachers to help make the transition as seamless as possible.

17b. Describe the direct services to be provided to the citizens by the funding requested.

Students in 6th, 7th, 8th, algebra 1, geometry, and algebra 2 courses will have anytime, unlimited free access to a comprehensive suite of digital tools and resources, including instructional videos, practice assessments, and real-time homework support. Secondary mathematics educators will be provided with targeted professional development around both content and practice, with a particular emphasis on transitioning to the new mathematics standards. Access is available through mobile, lap top, a

17c. Describe the target population to be served (i.e., "the majority of the funds requested will serve these target populations or groups.").

Select all that apply to the target population:

- Elderly persons
- Persons with poor mental health
- Persons with poor physical health
- Jobless persons

- Economically disadvantaged persons
- At-risk youth
- Homeless
- Developmentally disabled
- Physically disabled
- Drug users (in health services)
- Preschool students
- Grade school students
- High school students
- University/college students
- Currently or formerly incarcerated persons
- Drug offenders (in criminal Justice)
- Victims of crime
- General (The majority of the funds will benefit no specific group)
- Other (Please describe): Secondary mathematics educators

17d. How many in the target population are expected to be served?

- < 25
- 25-50
- 51-100
- 101-200
- 201-400
- 401-800
- >800

18. What benefits or outcomes will be realized by the expenditure of funds requested? (Select each Benefit/Outcome that applies)

| Benefit or Outcome | Provide a specific measure of the benefit or outcome | Describe the method for measuring level of benefit |
|--|--|--|
| <input type="checkbox"/> Improve physical health | | |
| <input type="checkbox"/> Improve mental health | | |
| <input type="checkbox"/> Enrich cultural experience | | |
| <input type="checkbox"/> Improve agricultural production/promotion/education | | |

| | | |
|---|---|--|
| <input checked="" type="checkbox"/> Improve quality of education | Student achievement growth in mathematics courses: 6-8 grade math; algebra 1; geometry; algebra 2 | FSA and/or EOCs for 6-8 grade math, algebra 1, geometry, and algebra 2 |
| <input type="checkbox"/> Enhance/preserve/improve environmental or fish and wildlife quality | | |
| <input type="checkbox"/> Protect the general public from harm (environmental, criminal, etc.) | | |
| <input type="checkbox"/> Improve transportation conditions | | |
| <input type="checkbox"/> Increase or improve economic activity | | |
| <input type="checkbox"/> Increase tourism | | |
| <input type="checkbox"/> Create specific immediate job opportunities | | |
| <input type="checkbox"/> Enhance specific individual's economic self sufficiency | | |
| <input type="checkbox"/> Reduce recidivism | | |
| <input type="checkbox"/> Reduce substance abuse | | |
| <input type="checkbox"/> Divert from Criminal/Juvenile justice system | | |
| <input type="checkbox"/> Improve wastewater management | | |
| <input type="checkbox"/> Improve stormwater management | | |
| <input type="checkbox"/> Improve groundwater quality | | |
| <input type="checkbox"/> Improve drinking water quality | | |
| <input type="checkbox"/> Improve surface water quality | | |
| <input type="checkbox"/> Other (Please describe): | | |

19. Provide the total cost of the project for FY 2020-21 from all sources of funding (Enter "0" if amount is zero):

| Type of Funding | Amount | Percent of Total | Are the other sources of funds guaranteed in writing? |
|--|------------------|------------------|---|
| 1. Amount Requested from the State in this Appropriations Project Request: | 2,650,000 | 100.0% | N/A |
| 2. Federal: | 0 | 0.0% | No |
| 3. State: (Excluding the requested Total Amount in #4d, Column F) | 0 | 0.0% | No |
| 4. Local: | 0 | 0.0% | No |
| 5. Other: | 0 | 0.0% | No |
| TOTAL | 2,650,000 | 100% | |

20. Is this a multi-year project requiring funding from the state for more than one year?

Yes

20a. How much state funding would be requested after 2020-21 over the next 5 years?

- <1M
- 1-3M
- >3-10M
- >10M

20b. How many additional years of state support do you expect to need for this project?

- 1 year
- 2 years
- 3 years
- 4 years
- >= 5 years

20c. What is the total project cost for all years including all federal, local, state, and any other funds? Select the single answer which best describes the total project cost. If funds requested are for ongoing services or for recurring activities, select "ongoing activity".

- ongoing activity – no total cost

- <1M
- 1-3M
- >3-10M
- >10M