

Budget Detail Request - Fiscal Year 2016-17

Your request will not be officially submitted unless all questions and applicable sub parts are answered.

1. Title of Project: Math Nation
2. Date of Submission: 12/03/2015
3. House Member Sponsor(s): H. O'Toole

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
- b. What is the most recent fiscal year the project was funded? 2015-16
- 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 (Note that Column E will be the total of Recurring funds requested and Column F will be the total Nonrecurring funds requested, the sum of which is the Total of the Funds you are requesting in Column G):

FY:	Input Prior Year Appropriation for this project for FY 2015-16 (If appropriated in FY 2015-16 enter the appropriated amount, even if vetoed.)			Develop New Funds Request for FY 2016-17 (If no new Recurring or Nonrecurring funding is requested, enter zeros.)			
	Column: A	B	C	D	E	F	G
Funds Description:	Prior Year Recurring Funds	Prior Year Nonrecurring Funds	Total Funds Appropriated (Recurring plus Nonrecurring: Column A + Column B)	Recurring Base Budget (Will equal non-vetoed amounts provided in Column A)	INCREASED or NEW Recurring Requested	TOTAL Nonrecurring Requested (Nonrecurring is one time funding & must be re-requested every year)	Total Funds Requested Over Base Funding (Recurring plus Nonrecurring: Column E + Column F)
Input Amounts:	0	2,000,000	2,000,000	0	0	3,000,000	3,000,000

- e. New Nonrecurring Funding Requested for FY 16-17 will be used for:
 Operating Expenses Fixed Capital Construction Other one-time costs
- f. New Recurring Funding Requested for FY 16-17 will be used for:
 Operating Expenses Fixed Capital Construction Other one-time costs

5. Requester:

- a. Name: Don Pemberton
- b. Organization: University of Florida Lastinger Center for Learning
- c. Email: dpemberton@coe.ufl.edu
- d. Phone #: (352)273-4103

6. Organization or Name of Entity Receiving Funds:

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

7. Write a project description that will serve as a stand-alone summary of the project for legislative review. The description should summarize the entire project's intended purpose, the purpose of the funds requested (if request is a sub-part of the entire project), and most importantly the detail on how the funds requested will be spent - for example how much will be spent on positions and associated salaries, specifics on capital costs, and detail of operational expenses. The summary must list what local, regional or statewide interests or areas are served. It should also document the need for the funds, the community support and expected results when applicable. Be sure to include the type and amount of services as well as the number of the specific target population that will be served (such as number of home health visits to X, # of elderly, # of school aged children to receive mentoring, # of violent crime victims to receive once a week counseling etc.)

Responding to tremendous demand from Florida's students and teachers, the University of Florida Lastinger Center is building Math Nation: a powerful onramp to math success in our state that extends the reach of the Algebra Nation learning system to all math subjects. Developed with legislative funding and private support, Math Nation is a custom-designed teaching and learning system that champions students' mastery of mathematics beginning with arithmetic and continuing through algebra, geometry, algebra II, trigonometry, statistics and calculus. Aligned to the Florida standards, Math Nation serves approximately 1,000,000 math students and their teachers in sixth grade through 12th grade. Math Nation: Creating the Pathway to Math Success in Florida Math Nation was developed by the University of Florida Lastinger Center. Math Nation is a comprehensive learning system that provides an innovative, measurable and accountable solution to ensuring that all students in Florida can master mathematics to ensure college and career preparedness and success in the workplace. A Dynamic Teaching and Learning System Math Nation offers the same type of teaching and learning resources that have made Algebra Nation such a success. These include: ?Florida math standards-aligned curriculum for each grade level ? A competency and mastery-based system that individualizes and personalizes learning for each student ? Micro-instructional videos featuring Florida's top math teachers and Study Experts ? A workbook/study guide designed for Florida students ? The Math Wall that provides 24/7 tutoring and homework support to all students ? An online assessment system that is aligned with Florida standards and provides real time assessments ? A statewide professional development network of 10,000 math teachers supported with a teacher professional development portal with a Teacher Wall to provide 24/7 professional learning support ? A high energy grid that connects, supports and champions math students and teachers in Florida Math Nation includes the following math subjects: ? Pre-Algebra and Algebra Readiness ? Geometry ? Algebra II ? Trigonometry ? Calculus ? Statistics UF developed Math Nation based on the success of Algebra Nation and its widespread usage by Florida's students and teachers. Teachers and students asked for a complete blended/online learning resource that was aligned with the Florida standards

and that would lead to students' mastery of mathematics. UF was asked to both develop an on ramp for math success and a pathway to math mastery. Without question, Math Nation (and Algebra Nation) is the most comprehensive teaching and learning resources of its kind, providing high quality math instruction and learning in all math subject areas, including: pre-algebra, algebra readiness geometry, algebra II, statistics and calculus. Note that algebra is covered by Algebra Nation. As outlined in the previous section of this report, UF tracks student outcome data. Our targeted ROI goals are listed below: ROI Indicator

ROI Target Percent of Districts using Math Nation	100% Student usage	
1,000,000 Teacher usage per student	8,000 Improvement in EOC	6% to 8% Cost Federal \$0 b.
State \$3,000,000 c.	Local \$0 d.	Other \$0

Below is a summary of Math Nation Budget: \$953,235 ? Professional Development Workshops & Personnel \$849,583 ? Programming, Tech Support & Technology Platform \$1,197,182 ? Content Development \$3,000,000 ? Total Funding *UF Indirect Costs are included in each budget category. 9. Is this a multi-year project requiring funding from the state for more than one year a. Math Nation funding is renewed on an annual basis to ensure the success of Florida's math students.

8. Provide the total cost of the project for FY 2016-17 from all sources of funding:

Federal: 0

State: 0 (Excluding the requested Total Amount in #4d, Column G)

Local: 0

Other: 0

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

Yes