

# Appropriations Project Request - Fiscal Year 2017-18

## For projects meeting the Definition of House Rule 5.14

1. Title of Project: Rural STEM Education Matching Grant Program

2. Date of Submission: 02/07/2017

3. House Member Sponsor: Rene Plasencia

Members Copied:

### 4. DETAILS OF AMOUNT REQUESTED:

- Has funding been provided in a previous state budget for this activity? No  
*If answer to 4a is ?NO? skip 4b and 4c and proceed to 4d*
- What is the most recent fiscal year the project was funded?
- Were the funds provided in the most recent fiscal year subsequently vetoed?
- 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 2016-17 <i>(If appropriated in 2016-17 enter the appropriated amount, even if vetoed.)</i>			Develop New Funds Request for FY 2017-18 <i>(Requests for additional RECURRING funds are prohibited. Any additional Nonrecurring funding requested to supplement recurring funds in the base will result in the base recurring amount being converted to Nonrecurring .)</i>		
	Column:	A	B	C	D	E
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>	<b>Additional Nonrecurring Request</b>	<b>TOTAL Nonrecurring Request</b> <i>(Will equal the amount from the Recurring base in Column D to be CONVERTED to Nonrecurring plus the Additional Nonrecurring Request in Column E. These funds will be appropriated non-recurring if funded in the House Budget or the Final Conference Report on the budget.)</i>
Input Amounts:					1,000,000	1,000,000

5. Are funds for this issue requested in a state agency's Legislative Budget Request submitted for FY 2017-18? 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? For example, if the requested issue pertains to services provided to inmates at correctional facilities, the Department of Corrections would be the most appropriate state agency. Department of Education

6. Requester:

- a. Name: Tom Luna
- b. Organization: Project Lead the Way, Inc
- c. Email: tluna@pltw.org
- d. Phone #: (208)284-0953

7. Contact for questions about specific technical or financial details about the project (Please retype if same as Requester):

- a. Name: Jessica Hooper
- b. Organization: Project Lead the Way, Inc
- c. Email: Jhooper@pltw.org
- d. Phone #: (239)272-9101

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

- a. Name: Adam Giery
- b. Firm: Strategos
- c. Email: agiery@strategos.com
- d. Phone #: (407)462-2767

9. Organization or Name of Entity Receiving Funds(Please retype if same as Requestor or Contact):

- a. Name: Project The Lead the Way, Inc
- b. County (County where funds are to be expended): Baker, Bradford, Brevard, Calhoun, Columbia, DeSoto, Dixie, Flagler, Franklin, Gadsden, Gilchrist, Glades, Gulf, Hamilton, Hardee, Hendry, Highlands, Holmes, Jackson, Jefferson, Lafayette, Lake, Leon, Levy, Liberty, Madison, Martin, Nassau, Okeechobee, Polk, Putnam, Saint Lucie, Suwannee, Taylor, Union, Volusia, Wakulla, Walton, Washington
- c. Service Area (Counties being served by the service(s) provided with funding): Baker, Bradford, Brevard, Calhoun, Columbia, DeSoto, Dixie, Flagler, Franklin, Gadsden, Gilchrist, Glades, Gulf, Hamilton, Hardee, Hendry, Highlands, Holmes, Jackson, Jefferson, Lafayette, Lake, Leon, Levy, Liberty, Madison, Martin, Nassau, Okeechobee, Polk, Putnam, Saint Lucie, Suwannee, Taylor, Union, Volusia, Wakulla, Walton, Washington

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?

Student benefit: Provide skills in computer science, engineering, and biomedical science to prepare students for in demand majors and careers

Teacher benefit: Professional development focused on content and pedagogy to engage with complex curriculum.

Community benefit: The curriculum included is directly applicable to the targeted occupations list and college credit

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

Spending Category	Description	Nonrecurring (Should equal 4d, Col. F) Enter ?0? if request is zero for the category
Administrative Costs:		
<input type="checkbox"/> a. Executive Director/Project Head Salary and Benefits		
<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 type="checkbox"/> e. Salaries and Benefits		
<input checked="" type="checkbox"/> f. Expenses/Equipment/Travel/Supplies/Other	Deploy robotic kits, biomedical sciences materials, and computer science curriculum to 200 rural schools. Curriculum ranges from \$300-\$2000 depending on	1,000,000

	<p>programmatic selection. Schools shall use grant funds to pay for professional development to align with curriculum provided. The breakdown is included below. \$750 for elementary schools \$750 for middle schools \$2000 for high school Computer Science \$2500 for high school Biomedical Science \$3,000 for high school Engineering</p>	
<input type="checkbox"/> g. Consultants/Contracted Services/Study		
Fixed Capital Construction/Major Renovation:		
<input type="checkbox"/> h. Construction/Renovation/Land/Planning Engineering		
<b>TOTAL</b>		<b>1,000,000</b>

13. For the Fixed Capital Costs requested with this issue, what type of ownership will the facility be under when complete? (In Question 12, if ?h. Fixed Capital Outlay? was not selected, question 13 is not applicable)

N/A

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:

Project Lead The Way (PLTW) currently serves 30 Florida school districts. Our programs are supported by fortune 500 companies to advance STEM education and to strengthen their talent pipeline. In Florida, a two million dollar investment was made by Lockheed Martin to add PLTW into Orange County Schools. We have letters of support from corporate leaders, superintendents, and parents throughout Florida.

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:

- PLTW students in Texas scored higher on the state's mathematics assessment and were more prepared for higher education institutions in the state. Van Overschelde, Jame P. Et All 2013

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

Yes

17a. Describe the target population to be served. 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
- Other (Please describe)

17b. 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 all 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	PLTW contributes to a strong, positive impact on mathematics and science achievement. Source: Thai Report 2012 According to a recent survey of Georgia students, and teachers participating in a state matching grant program; 92% of respondents reported an improved experience in the classroom.	Massachusetts and Georgia have invested in statewide PLTW program opportunities and have used student and teacher surveys to determine improvement in quality of education. Samples surveys may be provided.
<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 checked="" type="checkbox"/> Increase or improve economic activity	PLTW high school graduates are nearly three times as likely to major in STEM versus non-PLTW graduates.	Students earn industry recognized credentials through PLTW including; Autodesk Inventor, Autodesk

	Source: Pike, Gary and Kirsten Robbins 2014	Inventor, Biotechnician Assistant, Florida Engineering Society Professional Cert, and AP PLTW College and Career Credential. More than 100 students last year alone earned the AP PLTW College and Career Ready Credential.
<input type="checkbox"/> Increase tourism		
<input type="checkbox"/> Create specific immediate job opportunities		
<input checked="" type="checkbox"/> Enhance specific individual's economic self sufficiency	PLTW graduates are capable of entering the workforce or receive college credit for their industry certification	PLTW tracks through college and career placement data.
<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 2017-18 from all sources of funding (Enter ?0? if amount is zero):

Type of Funding	Amount	Percent of Total (Automatically Calculates)	Are the other sources of funds guaranteed in
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			writing?
1. Amount Requested from the State in this Appropriations Project Request:	1,000,000	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
<b>TOTAL</b>	<b>1,000,000</b>	<b>100%</b>	

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

No