



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2022-2023

LFIR # 1986

1. Project Title

2. Senate Sponsor

3. Date of Request

4. Project/Program Description

The goal of the initiative is to increase the number of elementary students that are interested in the four areas of STEM; thereby greatly increasing the overall number of STEM workers in the United States by 2035. Dream Big Academy of Learning firmly believes that at a very early age, students gravitate towards instruction/activities that are stimulating, fun, and interactive. STEM stimulation/demonstration in the elementary grades will prove to be the greatest game changer in the United States in terms of workforce fulfillment during the next 10-15 years. Students will not only develop critical skills and foundational knowledge in the areas of Science, Technology, Engineering, and Mathematics, but they will dive into simulations of anatomy, design & create 3-D anatomical parts via a 3-D printer, discuss engineering concepts of real-world buildings, bridges, roads, and electric vehicles. Students will have fun learning non-traditional ways to measure, calculate, and design.

5. State Agency to receive requested funds

State Agency contacted?

6. Amount of the Nonrecurring Request for Fiscal Year 2022-2023

Type of Funding	Amount
Operations	305,000
Fixed Capital Outlay	15,000
Total State Funds Requested	320,000

7. Total Project Cost for Fiscal Year 2022-2023 (including matching funds available for this project)

Type of Funding	Amount	Percentage
Total State Funds Requested (from question #6)	320,000	100%
Matching Funds		
Federal	0	0%
State (excluding the amount of this request)	0	0%
Local	0	0%
Other	0	0%
Total Project Costs for Fiscal Year 2022-2023	320,000	100%

8. Has this project previously received state funding?

Fiscal Year (yyyy-yy)	Amount		Specific Appropriation #	Vetoed
	Recurring	Nonrecurring		

9. Is future funding likely to be requested?

a. If yes, indicate nonrecurring amount per year.

b. Describe the source of funding that can be used in lieu of state funding.



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10. Has the entity requesting this project received any federal assistance related to the COVID-19 pandemic?

No

If yes, indicate the amount of funds received and what the funds were used for.

11. Details on how the requested state funds will be expended

Spending Category	Description	Amount
Administrative Costs:		
Executive Director/Project Head Salary and Benefits		0
Other Salary and Benefits		0
Expense/Equipment/Travel/Supplies/Other		0
Consultants/Contracted Services/Study		0
Operational Costs: Other		
Salary and Benefits		0
Expense/Equipment/Travel/Supplies/Other	Desktop Computers, 3-D Printers, Demonstration/Simulation Devices, Lab Furniture, Equipment (i.e. microscopes, petri dishes, graduated cylinders, circuit kits, STEM supplies, etc.)	100,000
Consultants/Contracted Services/Study	-Contracted Services for simulated - real world activities in Science, Technology, Engineering, and Math -Contracted Services for Training for Support Staff	205,000
Fixed Capital Construction/Major Renovation:		
Construction/Renovation/Land/Planning Engineering	Renovate STEM Area	15,000
Total State Funds Requested (must equal total from question #6)		320,000

12. Program Performance

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

The goal of the initiative is to increase the number of elementary students that are interested in the four areas of STEM; thereby greatly increasing the overall number of STEM workers in the United States by 2035. Dream Big Academy of Learning firmly believes that at a very early age, students gravitate towards instruction/activities that are stimulating, fun, and interactive. STEM stimulation/demonstration in the elementary grades will prove to be the greatest game changer in the United States in terms of workforce fulfillment during the next 10-15 years. Students will not only develop critical skills and foundational knowledge in the areas of Science, Technology, Engineering, and Mathematics, but they will dive into simulations of anatomy, design & create 3-D anatomical parts via a 3-D printer, discuss engineering concepts of real-world buildings, bridges, roads, and electric vehicles. Students will have fun learning non-traditional ways to measure, calculate, and design.

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

Black and Hispanic workers remain underrepresented in the science, technology, engineering and math (STEM) workforce compared with their share of all workers, including in computing jobs, which have seen considerable growth in recent years. As such, Dream Big academy of Learning will provide and initiate small group Science, Technology, Engineering, and Mathematical lessons, collaborative lab activities, and actual STEM simulations/demonstrations to disadvantaged students in grades 3rd - 5th.

c. What direct services will be provided to citizens by the appropriation project?



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Black students earned 7% of STEM bachelor's degrees as of 2018, the most recent year available, below their share of all bachelor's degrees (10%) or their share of the adult population (12%). Black and Hispanic workers remain underrepresented in the science, technology, engineering and math (STEM) workforce compared with their share of all workers, including in computing jobs, which have seen considerable growth in recent years. As such, Dream Big academy of Learning will provide small group Science, Technology, Engineering, and Mathematical lessons, labs, collaborative activities, and actual STEM simulations/demonstrations to disadvantaged students in grades 3rd - 5th.

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

-At Risk Students
-3rd - 5th Grade students
-Students in the Community

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

The benefit of this project is to open the gateway of fun, exciting, and hand-on STEM Instruction; thereby getting students interested in STEM related occupations as they move into higher grades with a focus on increasing the number of disadvantaged students accepting STEM related jobs in the future, thereby increasing the household incomes of students that were once at risk. This project will also help to close the poverty gap that exists for at-risk students once they become adults. Pre/Post Test on STEM related lessons, content, and activities taught, Pre/Post Survey completed by students on the activities and simulations taught.

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 the contract?

Failing to meet deliverables or performance measures should be given an opportunity to come into compliance through transparent communication between the agency and the provider. Should correction not occur, state funding should be withheld until such a time as the provider comes into compliance with deliverables and performance measures.

13. The owners of the facility to receive, directly or indirectly, any fixed capital outlay funding. Include the relationship between the owners of the facility and the entity.

The owners of the facility and the entity are not related in any capacity.



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14. Requestor Contact Information

a. First Name Last Name

b. Organization

c. E-mail Address

d. Phone Number Ext.

15. Recipient Contact Information

a. Organization

b. Municipality and County

c. Organization Type

- ☐ For Profit Entity
- ☒ Non Profit 501(c)(3)
- ☐ Non Profit 501(c)(4)
- ☐ Local Entity
- ☐ University or College
- ☐ Other (please specify)

d. First Name Last Name

e. E-mail Address

f. Phone Number

16. Lobbyist Contact Information

a. Name

b. Firm Name

c. E-mail Address

d. Phone Number