Educational FOUNDATION of Lake County

Request for Funding

- All funds must be used by May 1, 2019. A final program evaluation must be submitted by May 15, 2019.

*****Please complete all sections.*****

Requester:	Matt Burris	
Project Title:	STEM Challenges For AES 5th Grade	
School Name:	Astatula Elementary	
Academic Subject:	Science, Technology, Engineering, and Math (STEM)	
Grade(s):	5th	
Number of Students:	(115) 5th graders plus (20) STEM Club members	
Number of Participating Teachers:	(1) Matt Burris	
Amount Requested:	$370.00	
Please provide a detailed budget of how funding will be expended for this project.		
Expense Category:	**Amount:**	**Reason:**
Program Materials (Consumable)		
Program Materials (Non-Consumable):	$335.00	Hands-On STEM Challenge Kits From Mindware.com (Electric Snap-Circuit Rover, Electric Snap-Circuit Light, Mega Marble Run With Elevator, Newton's Law's Snap Kit, & Physics Snap Kit)
Transportation:		
Program Implementation (not to exceed 10%):		
Other (Please Specify Expense):	$35.00	Shipping
TOTALS	$370.00	
In Kind Contributions that benefitted project:		
Project Detail		Hands-on STEM kits for my five 5th grade science classes (115 students) and for my

		after-school 5th grade STEM club (20 students)

Other Funding Sources:

Program Rationale: (Why is this program important?)
To maintain our LCSB Gold STEM status, Astatula Elementary must have after-school STEM clubs that meet weekly from October through May to practice STEM questions and Engineering challenges. We also are encouraged by the LCSB to include STEM lessons throughout the school year in our daily classes. I am the 5th grade STEM coach and the 5th grade science teacher so I am always looking to add more STEM challenges to daily lessons and my after-school STEM club. These mindware.com products are highly engaging and are a very effective way to incorporate STEM into the curriculum.

Program Impact: (How will the teachers and students benefit from this project?)

The students will benefit by learning about electric circuitry, Newton's Laws of Motion, gravity, inertia, light energy, transformation of energy, and physics. This FUN and exciting exposure to STEM at an early age will encourage students to pursue a STEM career, which are in high demand and will provide the student with a financially secure future.

Program Evaluation Method: (How will you measure teacher and student success?)
I will give my students a STEM Kit Pre and Post quiz to measure STEM growth after using the kits. We also have the goal of placing in the top 10 at the annual LCSB 5th grade STEM Bowl. Last year we were in 8th place and this year we want to shoot for top 5!

Program Timeline: (provide a project start date and completion date) I start my STEM club on the first week of October and we meet once a week through mid-May. I would use the equipment throughout the entire school year in my science classes.

Program Approved By: _____ _____
Principal Assistant Superintendent/Superintendent

(A principal, assistant superintendent or superintendent signature is required for all requests over $2,000.00. The superintendent's signature is required for all requests over $5,000.00. The superintendent's signature is also required for all requests for curriculum or capital expenditures (other than building improvements)

Requesting party has read and agrees with the funding policies of the Educational Foundation.

Signed: Matt Burris Matt Burris Date: 8/28/18 8/28/18

Printed Name: Matt Burris Email: burrism@lake.k12.fl.us

To be completed by foundation staff/board

Program meets Foundation Mission/Funding Policy: Yes or No

Director Recommendations: _____

Executive Board Recommendations: _____

_____ Approved _____ Denied _____

President Signature Date