Educational
FOUNDATION
of Lake County

Request for Funding

- All funds must be used by May 1, 2020. A final program evaluation must be submitted by May 15, 2020. If the applicant misses the deadline but submits a final grant report by September 30th, they will be eligible to apply after one academic year. Applicants that do not submit a final grant report by the deadline of September 30th will not be considered for future funding.

  - (Requests will not be accepted without the requesting parties signature)*

Please complete all sections.

Requester:	Lesa Roe
Project Title:	STEM flight for students
School Name:	Grassy Lake Elementary
Academic Subject:	STEM Enrichment
Grade(s):	3-5
Number of Students:	600
Number of Participating Teachers:	1
Amount Requested:	300.00

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):	300.00	Purchase of equipment and program to run flight simulators
Transportation:		
Program Implementation (not to exceed 10%):		
Other (Please Specify Expense):		
TOTALS	300.00	
In Kind Contributions that benefitted project:		
Project Detail		

Other Funding Sources:
At this time we have no other funding sources.

Program Rationale: (Why is this program important?)
As a STEM Enrichment instructor, I want to expose our students to innovative ways of using science, technology, engineering and math that will provide learning opportunities and exposure to how STEM is utilized in the real world. I was given two HP Pavilion gaming laptops that have the necessary memory, graphics and ability to support a simulator program. Giving students the opportunity to experience the world of aviation through a simulation process may ignite some to want to pursue an aviation career when they grow up. As a teacher who holds a private pilot license, I understand the process of the program and can see that it is implemented effectively.

Program Impact: (How will the teachers and students benefit from this project?) Providing students exposure to a unique learning opportunity that allows them to explore real world learning integrating STEM.

Program Evaluation Method: (How will you measure teacher and student success?) Students will show basic understanding of flight, forces of flight, laws of gravity, angles of flight, use of compass/ directional gyros, and use of flight related vocabulary by successfully flying a plane simulator.

Program Timeline: (provide a project start date and completion date) Introductory integration this year as soon as equipment is obtained. Full integration for the 2020-2021 school year.

Program Approved By: _Julie Williams_____
                            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: _____   Date: _10/24/2019_____

Printed Name: _Lesa Roe_____   Email: _roel@lake.K12.fl.us_____

To be completed by foundation staff/board

Program meets Foundation Mission/Funding Policy: Yes   or   No

_____ Approved   _____ Denied   _____
                                                              President Signature   Date

Budget:

The following will be purchased through Amazon:

1. ZIUMIER Gaming Headset PS4 Headset, Xbox One Headset with Noise Canceling Mic and Rgb Light, PC Headset with Stereo Surround Sound, Over-Ear Headphones for PC, PS4, Xbox One, Laptop

25.99 x 2 = 51.98

2. PC Joystick, YF2009 USB Gaming Controller with Vibration Feedback and Throttle, Wired Flight Stick for PC Computer Laptop

46.86 x 2 = 93.72

3. Microsoft X Flight Simulator X Deluxe DVD-PC

53.88 x 2 = 107.76

4. External CD/DVD Drive, Haiway USB 3.0 Portable CD/DVD +/-RW Drive Slim CD/DVD ROM Rewriter Burner Superdrive High Speed Data Transfer for Laptop Desktop PC Windows
(The two gaming laptops do not have built in cd/dvd drives. This will be needed to run program_

23.47 x 2 = 46.54

Total: $300.00