

# 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. (Requests will not be accepted without the requesting parties signature on page 2)\*

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

Requester:	Richard Oris	
Project Title:	Robotics and Engineering	
School Name:	Eustis High School	
Academic Subject:	STEM subjects: Science, Technology, Engineering, and Math	
Grade(s):	9-12	
Number of Students:	11 Robotics Club Members would immediately benefit, but we hope to expand the size of the club if we can increase the organization's success.	
Number of Participating Teachers:	1	
Amount Requested:	\$485.83	
Please provide a detailed budget of how funding will be expended for this project.		
<b>Expense Category:</b>	<b>Amount:</b>	<b>Reason:</b>
Program Materials (Consumable)	0	All materials can be reused for subsequent years.
Program Materials (Non-Consumable): VEX EDR Competition Products (2 Booster Kits with 600 pieces of structural and motion components for \$358, 4 Motors at \$59.80, 2 Advanced Mechanics and Motion Kits for \$49.98, and Shipping Estimate for \$18.05 for ground)	\$485.83	These products will allow students to create new designs to improve their robots. With these new materials, the students would be required to create new designs that incorporate the new materials, learn the coding necessary to make them work, and would be able to better compete with other teams at VEX Robotics Competitions. All of the materials can be reused, so we would continue to use them in the future.
Transportation:	0	Students provide their own transportation to meetings and competitions.

Program Implementation (not to exceed 10%):	0	The program is already in place, but our intent to improve the program with the additional equipment.
Other (Please Specify Expense):	0	
TOTALS	\$485.83	
In Kind Contributions that benefited project:	0	
Project Detail	\$485.83	

**Other Funding Sources:**

Students who participate in the Robotics Club pay \$20 in dues. The dues go towards the cost of materials.

**Program Rationale: (Why is this program important?)**

This program is important because it allows students at Eustis High School who are interested in pursuing a STEM field the opportunity to apply the skills they have been learning in the classroom. For example, students are able to use the building and coding knowledge they gain in engineering class to build and code a robot. Their work is put to the test when it must compete against robots from other teams. Teams may only use VEX approved products on their robot; however, teams with more funding can purchase additional products on the approved list. If this team could get additional funds, these students would be able to purchase products to help them to compete with the other teams. Improving the success of this club would be beneficial to the students who participate and draw new members.

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

The students are gaining knowledge and skills and reinforcing what they learn in science, math, and engineering courses. The robotics club affords them an opportunity to apply their skills and knowledge.

**Program Evaluation Method: (How will you measure teacher and student success?)**

I can measure the success of the program by analyzing the rate of successful completion of engineering certifications by the students who participate.

**Program Timeline: (provide a project start date and completion date)**

If we receive the funds, we would purchase the additional supplies immediately and students would begin using the new equipment as soon as it arrives. All equipment could be reused in subsequent years.

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: \_\_\_\_\_

Date: \_\_\_\_\_

12-13-18

Printed Name: Richard Oris Email: orisr@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