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:	Dustin Strate
Project Title:	Digital Design and CAD
School Name:	Umatilla Elementary
Academic Subject:	STEAM and Literature/ Nonfiction reading and writing
Grade(s):	3rd – 5th
Number of Students:	350 (This includes 3-5th grade)
Number of Participating Teachers:	One lead teacher and all teachers will have access to it.
Amount Requested:	$ 1,800

Please provide a detailed budget of how funding will be expended for this project.

Expense Category:	Amount:	Reason:
Program Materials (Consumable)	$300	Printer filament
Program Materials (Non-Consumable):	$1,500	3D Printer, Professional Development for teachers, and Lesson Plans.
Transportation:		
Program Implementation (not to exceed 10%):		
Other (Please Specify Expense):		
TOTALS	$1,800	
In Kind Contributions that benefitted project:		Printer filament after the original has been used will be provided with money from the STEAM program.
Project Detail		

Other Funding Sources:
Outside funding will be completed with planned fundraisers to ensure there will be filament available to have sustainable printing.

Program Rationale: (Why is this program important?)
The rationale for this program is to give students the opportunity to experience digital design, incorporating skills that are critical for 21st century careers. The focus of our STEAM program is to give students exposure to various STEAM related careers with the flexibility to let them explore and dive deeper into their interests. This project will have students learning the basics of digital design to solve problems that will require them to use the 4Cs they are critical thinking, collaboration, creativity, and communication.

Program Impact: (How will the teachers and students benefit from this project?)
The impact of the program will be to have tools available to students give them experience in skills that are critical for todays careers. This program aligned with other programs we are doing this year will ensure students have the skills necessary to move forward to Middle School with the knowledge of how to complete complex tasks that require the use of technology, critical thinking and collaboration. The next goal of this project is to connect art and literacy by having students create projects themed with books being used in the classroom. Teachers will be a critical part of this program, PD comes with this program that will be available for teachers, I will also try to reach out to teachers to help them plan and discuss ways they can implement projects to align with standards.

Program Evaluation Method: (How will you measure teacher and student success?)
Teacher success will be measured by the amount of teachers willing to use the 3D printer, this program will have a PD section for willing teachers. Student success will be measured by performance on what they are willing to create based on project rubrics, these rubrics will also evaluate the students skills at using the 4Cs of collaboration, creativity, critical thinking and communication.

Program Timeline: (provide a project start date and completion date)
The project will not have a set timeline, rather it will be used all year and for following years. The goal will be that the first students to work with 3D printing will continue to show growth in their skills as they reach 5th grade.

Program Approved By: _Dianne Dwyer_ _____
                          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: _Dustin Strate_ _____   Date: _7-22-19_

Printed Name: _Dustin Strate_   Email: _strated@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