



## 2018-19 Duke Energy Foundation STEM Grant

DEADLINE October 18, 2018 4:00 pm Foundation Office via Jackrabbit or Email

- This Classroom Grant is for 2018-2019 school year.
- Funds must be used to address a STEM related project.
- All funds must be used by May 1, 2019. A final program evaluation must be submitted by May 15, 2019.

<b>Contact Information</b>	
Applicant Name: Savannah Register	Position: 3rd Grade Math/Science/Social Studies
School: Spring Creek	
Address: 44440 Spring Creek Rd Paisley, FL 32767	
Phone: 352-669-3275	Fax:
Email Address: registers@lake.k12.fl.us	

<b>Detailed Project Information</b>
Project Title: Virtual Reality to Build Background Knowledge
What priority area(s) will your project address: Build Background Knowledge
What is your estimated start date: ASAP
Estimated number of teachers who will participate in this project: 4-20
Estimated Number of Total Students Impacted by project: 80-650
Grade Levels to be Addressed: 2nd-8th

**Program Background:**

The students at our school struggle with background knowledge. Most of our rural students have never stepped foot outside of their small town due to financial burdens. Most of our students do not know where their next meal is coming from. They do not have the means to travel outside of our county and have experiences that other students experience. Building background knowledge will help our students to combat misconceptions and allow them to experience places that they may never be able to see in their lives.

**Project Summary:**

Building background knowledge for our students is my goal. Through Google Explorations VR, our students would be able to go "on hundreds of virtual reality trips without ever leaving the classroom. By simply looking through the viewer, students can swim beneath the ocean with sharks or experience the vastness of outer space." In order for our students to be successful, they need to have knowledge of many different things and experiences. This would allow our students to build that knowledge. Students will be able to use their new found knowledge to apply to all areas, including engineering, reading, writing, thinking, science, social studies, math, and the arts.

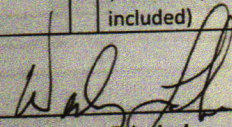
**Need:** Google Explorations VR Kit that includes 20 devices  
<https://www.bestbuy.com/site/bestbuy-education/googleexpeditions/pcmcat748302046351.c?id=pcmcat748302046351>

**Project Goals and Objectives:**

The goal of this project is to build background knowledge to increase student's success rate on standardized testing for math, science, and reading.

**Evaluation Plan:** FSA test scores for math, science, and reading.

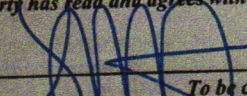
Budget		
Category of Expenditure	Dollar Amount	Related Activity
Computer Hardware		
Computer Software		
Other Equipment (not computers)	\$7,299.00 (plus tax)	Google Explorations VR Kit for 20 students
Competition Registration Fees		
Program supplies		
<b>TOTALS</b>	\$7811.00 (tax included)	

Program Approved By:   
*Principal*

Funds Payable to: \_\_\_\_\_  
Address: \_\_\_\_\_

Phone: \_\_\_\_\_ Email: registers@lake.k12.fl.us

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

Signed  Date 9/28/18  
*To be completed by foundation staff/board*

Program meets Duke Energy Foundation's Mission/ Funding Policy      Y      N

Director Recommendation: \_\_\_\_\_

Executive Board Recommendation: \_\_\_\_\_