



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.

Contact Information	
Applicant Name: Jamie Murphy	Position: 2 nd grade teacher
School: Grassy Lake Elementary	
Address: 1100 Fosgate Rd. Minneola, FL 34715	
Phone: 352-242-0313	Fax:
Email Address: murphyj@lake.k12.fl.us	

Detailed Project Information
Project Title: Hands On Math!
What priority area(s) will your project address: Math and Engineering while enhancing other areas
What is your estimated start date: 8/13/18
Estimated number of teachers who will participate in this project: 1
Estimated Number of Total Students Impacted by project: 18 in class, plus additional students from our remediation block this year and in many years to come!
Grade Levels to be Addressed: 2

Program Background: Our school is one of 5 recognized STEAM schools in Lake County. To enhance the 'M' in STEAM, I have begun to implement a more hands on approach to math and also enhance the engineering and problem solving aspect in my classroom. So far this year, I have used the math book on 1 or 2 lessons. The rest of my math lessons have been hands on learning in groups. The kids are really enjoying it! To help with this, I need additional math manipulatives to allow students the various different ways to problem solve. Students can also be quickly assessed on their learning through self-check games and instant learning centers as well as enhance what they have learned in their hands on experiences. I have also included supplies to help with engineering and problem solving skills. Having these students learn math, problem solving, and engineering through authentic hands on activities will enhance their skills in other areas of STEAM and continue to help our school remain a top STEAM school. If given this grant, I would also need storage for the manipulatives supplied, so I have included 2 small bookshelves to display these great learning tools and make them easily accessible to my students!

Project Summary: Funding for this project will get important math manipulatives in the hands of students and will help them become better problem solvers, which will in turn help them become better critical thinkers that we are trying to instill in each child at Grassy Lake Elementary. As a teacher, I will be able to quickly assess their ability through each child having easy access to manipulatives and to be able to show and share their various ways of learning, which will enhance the engineering part of being a STEAM school. Students will also use the self-check games and instant learning centers to track their progress and learning and it will allow for individual conferencing with students who are struggling.

Need: To complete this project, I will need the various and additional math manipulatives that were not provided with the math series. I will need enough to get them into the hands of each of my students. I will need the self-check games and instant learning centers to monitor their progress and learning before they are formally assessed. I will also need the bookshelves to store the manipulatives and allow students to have easy access to them.

Project Goals and Objectives: My goal is to create more hands on learning and to create independent critical thinkers to enhance the 'M' as well as the 'E' in our STEAM school! With these materials, students will be able to problem solve various different ways and in ways that they learn best.

Evaluation Plan: *Describe how you will measure outcomes and evaluate your project.* In the future, these students will become better critical thinkers and be able to problem solve with various skills. This will show on future FSA scores. My students' math scores will increase on iReady Math. My students will be excited about learning. They will increase their STEAM awareness and perform better on our once a month STEAM activities as well as grade level STEAM days our school implements.

Budget \$4052.47

Category of Expenditure	Dollar Amount	Related Activity
Computer Hardware		
Computer Software		
Other Equipment (not computers)		
Competition Registration Fees		
Program supplies	\$4052.47	Please see attached list of supplies
TOTALS	\$4052.47	

Program Approved By: Karen Carmody, Assistant Principal
Principal

Funds Payable to: Jamie Murphy c/o Grassy Lake Elementary School

Address: 1100 Fosgate Rd.

Minneola, FL 34715

Phone: 352-242-0313 Email: murphyj@lake.k12.fl.us

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

Signed Jamie Murphy Date 9/10/18

To be completed by foundation staff/board


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

Director Recommendation: _____

Executive Board Recommendation: _____

Checkout

Fields in **bold** are required.

 **Shipping** Jamie Murphy - Grassy Lake Elementary 1100 Fosgate Rd, Minneola, FL 34715-7700 [Change](#)

 **Delivery**
Standard
- [Change](#)
Estimated Delivery: 7-10 business days

Payment

☒ **Credit Card** ☐ **Bill to Account** ☐ **Gift Card**

Card #**Exp. Date****CVV** [Save payment method](#)**Billing Address** [Edit](#)

Jamie Murphy
Grassy Lake Elementary
1100 Fosgate Rd
Minneola, FL 34715-7700
United States
(407) 509-3133


Tax Exempt

No ☐ Yes

[Continue](#)





My Cart

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Item Name	Item #	Price	Qty	Total
Classic Birch Store Anything Medium Classroom Shelves	JJ347	\$329.00	2	\$658.00
 Shipping restrictions apply.				
Grab & Match Leveled Money Quickies - Gr. 2-3	PP631	\$29.99	1	\$29.99
Grab & Match Leveled Place Value Quickies - Gr. 2-3	PP634	\$29.99	1	\$29.99
Math Instant Learning Centers - Gr. 1-2	DD565X	\$229.00	1	\$229.00


Shipping
restrictions
apply.

Item Name	Item #	Price	Qty	Total
Math Instant Learning Centers - Gr. 2-3	HH400X	\$229.00	1	\$229.00
Quick-Pick Time & Measurement Activity Cards	PP996	\$14.99	1	\$14.99
Explain Your Reasoning! Math Prompts - Gr. 2	PP672	\$29.99	1	\$29.99
Quick-Pick Money Activity Cards	PP993	\$14.99	1	\$14.99
Quick-Pick Place Value Activity Cards	PP991	\$14.99	1	\$14.99
Grab & Match Leveled Geometry & Geometric Measurement Quickies - Gr. 2-3	PP636	\$29.99	1	\$29.99
Grab & Match Leveled Time & Measurement Quickies - Gr. 2-3	PP632	\$29.99	1	\$29.99
Building Bricks Problem Solving Kits - Complete Set	DD710X	\$69.99	1	\$69.99
Pop to Win! Math Game - Gr. 2	PP222	\$21.99	1	\$21.99
Jumbo Magnetic Multiplication Arrays - Set of 4	LC164	\$39.99	2	\$79.98
Hands-On Subtraction Regrouping Kit	FF298	\$29.99	4	\$119.96
Jumbo Double-Sided Magnetic Money	PP709	\$39.99	1	\$39.99
Place Value Mystery House Game	TT432	\$24.99	1	\$24.99
Hands-On Place Value Cubes	EE639	\$29.99	2	\$59.98
Lakeshore Magnetic Teaching Clock	JJ486	\$19.99	1	\$19.99
Hands-On Addition Regrouping Kit	FF297	\$29.99	4	\$119.96
Grab & Match Leveled Operations Quickies - Gr. 2-3	PP635	\$29.99	1	\$29.99
Giant Magnetic Dominoes	DD179	\$24.99	1	\$24.99
Ten-Frames Hands-On Student Pack	GG843	\$4.99	10	\$49.90
Giant Activity Dice	RR740	\$19.99	2	\$39.98
Lakeshore Double Dice	RA637	\$19.99	1	\$19.99
Big Tape Measure	FA219	\$9.99	10	\$99.90
Build & Learn Geometric Shapes Kit	GG458	\$39.99	2	\$79.98
Giant Magnetic Regrouping Chart	FF300	\$29.99	1	\$29.99
Visualize Place Value Magnetic Frame	PP676	\$16.99	1	\$16.99

Item Name	Item #	Price	Qty	Total
Best-Buy Geoboards (6" x 6") - Set of 6	DA362	\$16.99	3	\$50.97
Number Line Math Activity Chart	AA391	\$49.99	1	\$49.99
 Shipping restrictions apply.				 Shipping restrictions apply.
Early Math Instant Learning Centers - Complete Set	TT280X	\$229.00	1	\$229.00
Magnetic Base 10 Set	DD135	\$8.99	4	\$35.96
Space-Saver Color-Changing Light Table	LL526	\$329.00	1	\$329.00
 Shipping restrictions apply.				 Shipping restrictions apply.
Light Table Manipulative Center	LC590X	\$79.99	1	\$79.99
Elementary Calendar Math Center	JJ664	\$99.50	1	\$99.50
Magna-Tiles® - Master Set	DG547	\$129.99	3	\$389.97

Order Comments

Subtotal	\$3,523.84
Shipping	\$528.63
Tax	\$246.67
Total	\$4,299.14

Submit Order

- 246.67
 tax
 \$ 4052.47

Order Summary

Subtotal	\$3,523.84
Shipping	\$528.63
Tax	\$246.67

Total**\$4,299.14****Submit Order****Customer Service**

(800) 428-4414

Order Summary

Subtotal	\$3,523.84
Shipping	\$528.63
Tax	\$246.67
Total	\$4,299.14

Submit Ord**Customer Service**

(800) 428-4414

