DUKE ENERGY.

Educational Foundation of Lake County

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2018-19 Duke Energy Foundation STEM Grant

DEADLINE March 15, 2019 4:00 pm Foundation Office via Jackrabbit or Email (weidnerg@lake.k12.fl.us)

- 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.
- Requires signature of principal and requesting party

Contact Information	
Applicant Name: Suzanne Mini	Position: STEM Teacher
School: Imagine South Lake Charter	
Address: 2750 Hartwood Marsh Road	
Phone: 352-243-2960	Fax:
Email Address: Suzanne.mini@imagineschools.org	

Detailed Project Information
Project Title: Science Habitats
What priority area(s) will your project address: STEM in the Garden
What is your estimated start date: March 2019
Estimated number of teachers who will participate in this project: 1
Estimated Number of Total Students Impacted by project: 900
Grade Levels to be Addressed: K-5

Program Background:

Just this school year, I have been working with all the students and created a Butterfly garden during STEM class. This garden is located right outside my classroom and all the students in the school (grades K-8) can enjoy it when they wish. Teachers can bring their classes out there and enjoy it, too. I want to provide a safe places for the insects to grow before being released in the garden.

Project Summary:

Our "Garden of Tranquility" consists of many different Florida plants. The Florida Native Plants that we put in the garden are meant to attract butterflies. We do have little bunnies and others critters that come around to our garden. We want to be able to catch the caterpillars before they turn and put them in this safe habitat home so they don't get eaten by our mammal friends. The, they can be released as butterflies in the garden. It would also be nice for the kids to observe the lifecycle of butterflies in a set place instead of searching for them on plants.

Need:

https://www.kaplanco.com/product/91188P/science-habitat-center

A science habitat center. This structure would allow us to create a butterfly house or a ladybug habitat, to keep our insects safe before releasing in the garden.

Project Goals and Objectives:

This Science Habitat would allow students to observe the Life Cycle of Butterfly. They can see all the stages that they go through. Students will take care of the insects before releasing them in the garden before they hatch. In the off season when there are not any butterflies, students can create habitats for lady bugs in this structure. All the students in the school would be able to observe this equipment.

The goal is to have students care for, observe, and understand life cycles of butterflies and to keep them safe so our garden continues to look nice.

Evaluation Plan: *Describe how you will measure outcomes and evaluate your project.*

Students would be responsible for the care of this equipment. I will explain the life cycle process and teach that to all students K-5.

Students can keep track all year of the many different insects that have made this science habitat their home and how many success stories we have to share out.

This is just another step in the upkeep of our garden and keeping our furry friends from eating the insects.

Budget

Category of Expenditure		Dollar Amount		Related Activity
Computer Hardware				
Computer Software				
Other Equipment (not computers)				
Competition Registration Fees				
Program supplies		**322.95** **48.44 shipping**		**STEM in the Garden- Habitats**
TOTALS		**371.39**		

Program Approved By: Kathleen Dial

Principal

Funds Payable to: Suzanne Mini

Address: 2750 Hartwood Marsh Road , Clermont FL 34711

Phone: 352-243-2960

Email: suzanne.mini@imagineschools.org

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

Signed Suzanne Mini **Date** 2-26-19

To be completed by foundation staff/board

Program meets Duke Energy Foundation's Mission/ Funding Policy _____Y _____N

Director Recommendation:_____

Executive Board Recommendation:_____