

General Information

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| Grant Number | 187 |
| Project Title | Save the Monarch Butterfly! |
| Please select the MAIN curriculum area your grant addresses. | Special Education |
| Does your grant have a technology component? (Will you have technology equipment, software, etc. in your budget?) | <input checked="" type="radio"/> No <input type="radio"/> Yes |
| Primary Contact Information | |
| First Name | Nancy |
| Email | nancy_garrison@allenisd.org |
| Last Name | Garrison |
| Phone Number | 972-396-6918 |
| Campus | Norton Elementary |
| Main Subject | Science - Elementary |
| Grade(s) | <input type="checkbox"/> K <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 |
| I have co-applicants. | <input type="checkbox"/> |

Describe details of the project

| | |
|--|--|
| Grant Number | 187 |
| Campus/Student Information | |
| Your campus: | Norton Elementary |
| Will other campus' be involved/impacted by this grant? | <input checked="" type="radio"/> No <input type="radio"/> Yes |
| Your grade(s): | K,1,2,3,4,5,6 |
| Will other grades be involved/impacted? | <input checked="" type="radio"/> No <input type="radio"/> Yes |
| Project Purpose | |
| What is the problem, need, or opportunity that this grant will address? Explain what students will know and be able to do as a result of this project and/or how a problem will be addresses and/or how a situation improved because of the grant. (500 words or less.) | |

This grant will address the need to increase the habitat needed for Monarch butterflies to lay their eggs and for their caterpillars to eat. The loss of the milkweed habitat has put the North American monarch butterflies in trouble. By building and sustaining a butterfly garden will will teach our students that they can help make a difference by making a small effort. They will learn what is involved in preparing a raised bed garden, the importance of specific plants for certain species and what is involved in taking care of the garden. They will also be able to watch the process of the monarch butterfly as it discovers our garden, lays eggs and begins the life cycle of the butterfly. We will be working with our AIM students to come up with a watering solution as well. We would like to be able to use the gutter spouts attached to the building to collect water to use for our garden. The AIM students will come up with ideas to be tested and incorporate my DEAR students to help them build, install and test their ideas. This will be a great opportunity to start building relationships between these two special populations in our school. By teaching our students about conserving and connecting habitat for monarchs we will be able to benefit many other plants and animals, including critical insects and pollinators. Students will be able to see that their efforts can directly effect the future of the world around them. This project would start out as a DEAR/AIM student project, but ideally it will become a school wide effort to protect and appreciate our environment.

Project Description

How will the project or program be implemented? Describe activities and tasks.
Who is the target population and in what ways will they benefit? (500 words or less.)

We will build raised beds no bigger than 4' by 8'. Sides should be 10" to 12" tall and made out of cedar or stone but not treated wood. We will fill the inside with a mixture of compost and/or potting soil. It will probably require 20-30 bags to fill it up. We will incorporate volunteers from our community to help with the construction of these beds. The students will be directly involved in the planning and executing of this project. The students will research the types of plants needed to attract and sustain monarch butterflies so that we are sure to have the correct materials. They will learn what is required in caring for a garden and why water and sunlight are so critical to the success of this garden. The DEAR students (as well as most all students) learn best by real world experiences and examples. This will give them an opportunity to be directly involved which will make the learning real and meaningful to them.

Allen ISD Goals/ TEKS

Which Allen ISD goals/TEKS does this project support? Provide only two or three examples.

The DEAR students work on TEKS through their IEPs and vertically aligned TEKS. Many Science TEKS will be addressed through this project. A few examples of these would be

- * identify the basic needs of plants and animals
- * identify factors in the environment, including temperature and precipitation, that affect growth and behavior such as migration, hibernation, and dormancy of living things.
- * investigate and compare how animals and plants undergo a series of orderly changes in their diverse life cycles such as plants, frogs, and lady bugs.

Measurement

What specific measurements will be used to evaluate the effectiveness of the project? (500 words or less)

The students will be evaluated on their participation and ability to answer questions and participate in group discussions. We will be working on different IEP goals and objectives for each student that can be incorporated into our lessons. Students will also be getting real world experience on their social skill objectives by having to interact appropriately with other students and adults.

Teaching Methods

What teaching methods will be used to implement this project? (500 words or less.)

Teaching methods used will be hands on learning, direct teaching and modeling appropriate social interactions with peers. We will do class research projects to learn about the life cycle of the monarch butterfly and how plants grow.

Timeline

What is the project timeline and the date of implementation?

This will be an ongoing project starting in the Fall of 2015 thru the end of the school year.

Curriculum/System Support

Explain how this idea or project enhances/supports Allen ISD curriculum or existing systems.

This grant supports Allen ISD curriculum by addressing many of the Science TEKS. This project will help the students see the importance of habitat in our environment, water conservation through the use of recycling the rain water to help water the garden, and build school unity.

Budget details

Budget Details ** All awarded funds will be available by September of the next school year.

| Budget Item | Item Type | Unit Cost | Quantity | Total Cost |
|---------------------------------|-------------------------------------|-----------|----------|------------|
| building and gardening supplies | Instructional Supplies or Resources | 300.0 | 1 | 300.0 |

BUDGET TOTAL 300

Are there any additional funds available for this grant? Campus or District Funds? PTA funds? Let us know if you have or will be seeking funds from other sources to help with this project.

Additional funds? No
 Yes

Signature page and principal contact

Principal Approval Required

Please provide the Name and Email of your Principal

| First Name | Last Name | Email Address(Completed) |
|------------|-----------|---------------------------|
| Julie | DeLeon | Julie_DeLeon@allenisd.org |

Applicant Signature

By entering my name below I signify that I understand that if I move within the District and have written the grant myself, I may take the grant with me to my school (as long as it is appropriate for my classes). If I have written the grant as part of a team, I will leave the grant behind with the team. If I leave AISD, I will leave the grant with the school for which I wrote the grant. As a condition of this grant, I will complete an evaluation form provided by the Foundation.

Signature Nancy Garrison

Date 03/25/2015

Principal's approval form

I certify that this would be a good use of funds for our school and this grant supports the district goals and/or our campus improvement plans. **Do NOT include any identifiers, such as: campus name, your name, teachers name or mascot **

No actions possible.

Comments

A terrific idea for bringing real-world experiences to our students with special needs.

History and final disposition of application

State Change History

State Change *****
03/25/2015 10:34:22
Submitted

State Change *****
03/26/2015 09:59:34
Accepted

Grant Status

Grant Awarded Yes
 No

Award Amount 300