

General Information

Grant Number	457
Project Title	Anderson's Sprouting Stars Garden
Please select the MAIN curriculum area your grant addresses.	Science
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	Rebecca
Email	Becky_perdue@allenisd.org
Last Name	Beane Perdue
Phone Number	972-908-8166
Campus	Anderson Elementary
Main Subject	Other
Grade(s)	<div style="border: 1px solid black; padding: 5px;">K 1 2 3 4 5 6</div>
I have co-applicants.	<input checked="" type="checkbox"/>
Social Media	
Please provide your work-related social media contact information.	
Facebook	
Twitter	@aisdstudentnutrition
Other (please specify)	http://www.allenisd.org/Domain/37 Student Nutrition's AISD Website

Grant Co-Applicants

Additional Grant Applicants			
First Name	Last Name	Campus	Grade
Dorothy	Thompson	Administration Building	Student Nutrition Director

Describe details of the project

Grant Number	457
Campus/Student Information	
Your campus:	Anderson 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	

Budget details

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 addressed and/or how a situation improved because of the grant. (500 words or less.)

Grant funding will be used to implement a school garden at Anderson Elementary School. There will be 14 garden beds for the school which houses 550 students from K through 6th. Students will learn all aspects of vegetable gardening from preparing beds, to planting, watering, weeding, and harvesting with regularly scheduled hands-on activities. Students will also be able to use the garden as a muse for art, a topic for journaling, for graphing growth, etc. Harvested crops will be prepared by students and volunteer parents for taste testing during lunch at school on Farm Fresh Fridays. The students (assisted by parents) will also develop simple recipes in which the vegetables are used. These recipes will be distributed through PeachJar.

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.)

- Grant funds will be used to purchase all building materials for 14 raised garden beds as well as all planting materials and tools.
- Beds will be built with the assistance of the Boy Scout Pack 630 and the Allen High School Ag Mechanics Program.
- Planting soil will be obtained locally from Texas Pure.
- Compost will be donated by Keep Allen Beautiful.
- Planting and seed selection advices will be provided by the Texas A&M Agri-life Extension Service and Collin County Master Gardeners.
- Anderson Elementary teachers with the assistance of Anderson Elementary PTA will supervise the students as they plan, prepare and plant the garden.
- The garden will be regularly maintained by Anderson Elementary students as part of the science curriculum with assistance from Anderson Elementary PTA.
- Students will benefit by learning all aspects of gardening and apply many science and mathematics principles.
- Vegetables harvested from the garden by the students will be used in taste tests during lunch. PTA parents will assist the students in preparation of the vegetables.
- The Allen ISD Student Nutrition Dept. will provide recipes in English and Spanish to be used at home to reinforce consumption of vegetables. Recipes will be placed on PeachJar.

Project Summary

Provide a brief summary for use on the Foundation's website and social media. (2-3 brief sentences)

Anderson's Sprouting Stars Garden is a project that will effect not only students in the school but also at home. Students will grow their own produce and will also be able to taste the freshness with the combination of AISD's Student Nutrition Department and Anderson's PTA through Farm Fresh Friday.

Allen ISD Goals/ TEKS

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

Science TEKS 1.4a, 1.7a, 1.9c, 2.4a, 2.9a, 3.9a Math TEKS 3.7b, 4.8c

Measurement

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

- A garden log completed by students and teachers will document use of the garden at least once each week by each class to incorporate science or multi-disciplinary learning.
- The garden log will also be used to document participation of PTA and parents.

- A survey will be given to teachers at the end to evaluate the use of the garden and recommend improvements.
- o Did the garden assist them in teaching scientific principles?
- o Did the garden provide at least 30 minutes additional exercise each week?
- o Did you see increased enthusiasm for learning?
- o Did students take pride in their accomplishments?
- o Did the garden provide an opportunity for both environmental and ecological education?
- PTA/Parent participants will be given a survey to evaluate the impact of the garden in their student.
- o Did you experience a change in your students attitude toward consuming vegetables?
- o Are your students more willing to try new vegetables?
- o Are you purchasing more vegetables to serve at home?
- o What do you feel are the benefits of a school garden?

Teaching Methods

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

The students will be using hands on project based methods to explore the learning opportunities that are available in a school garden.

- Through experiments and observations every core subject will be able to use the garden as a learning tool.
- Kindergarten and 1st grade learning how different plants grow and which parts we eat for each vegetable.
- In 2nd and 3rd grade explore and learn about ecosystems.
- In 4th, 5th and 6th grade will learn about topics such as photosynthesis, environmental sustainability and the scientific method. As weather permits, teachers will teach all of these units in the garden to create hands on learning.
- In 6th and 5th grade Math we will complete the math needed to build a new garden bed.
- In 4th and 3rd grade we can investigate perimeter and area planning for our square foot gardens, determining how many plants can go in each bed and where to place them.
- Kindergarten, 1st and 2nd grade will teach Math in the garden whenever appropriate to bring counting, adding, and subtracting and word problems to life.

Timeline

What is the project timeline and the date of implementation?

The garden will begin in Fall of 2017. There will be three phases. The initial phase will begin with four beds, granite, water, learning supplies, and storage. The second phase will include 6 raised beds, granite, and additional needed supplies. The third phase will create 4 more beds and any additional supplies. By winter of 2017, if funds permit, all 14 handicap accessible beds will be in some stage of vegetable growth.

Curriculum/System Support

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

This project enhances Allen ISD's curriculum because it will have a real time, real life impact on the kids. Growing and working in a garden will have the children outdoors, seeing, feeling, and touching the lessons that are taught in a book. This garden will also enhance The Allen Student Nutrition Department's quest to have healthy eating students throughout the district.

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

Budget Item	Item Type	Unit Cost	Quantity	Total Cost
Instructional Table	Instructional Supplies or Resources	199.99	1	199.99
Berkley Scale w/ Tape	Instructional Supplies or Resources	22.35	1	22.35
Case of 36 Rulers	Instructional Supplies or Resources	11.96	1	11.96
Case of 30 Clipboards	Instructional Supplies or Resources	29.95	1	29.95
Garden Tools	Instructional Supplies or Resources	1.0	48	48.0
Garden Gloves	Instructional Supplies or Resources	1.0	26	26.0
5 Gallon Buckets	Instructional Supplies or Resources	2.98	24	71.52
Flex On Heavy Duty Hose	Instructional Supplies or Resources	29.98	3	89.94

BUDGET TOTAL 499.71

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

Please Explain

We have received funding from Keep Allen Beautiful in the amount of \$500. They are also donating 17 cubic yards of compost. PTA has \$500 reserved for the garden but that will be used to have a water outlet created near the garden. The quote is actually \$505 from the school district.

Signature page and principal contact

Principal Approval Required

Please provide the Name and Email of your PRINCIPAL. (Not your name)

First Name	Last Name	Email Address (Completed)
Debbie	Burt	debbie_burt@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 Rebecca Beane Perdue

Date 03/13/2017

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

I approve this grant

History and final disposition of application

State Change History

State Change *****
03/14/2017 08:06:57
Submitted

State Change *****
03/14/2017 13:20:31
Accepted

Grant Status

Grant Awarded **Yes**
 No

Award Amount 500