

General Information

Grant Number	613
Project Title	Growing Memories
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	Jessica
Email	jessica_gitzinger@allenisd.org
Last Name	Gitzinger
Phone Number	972-727-0612
Campus	Vaughan Elementary
Main Subject	Science - Elementary
Grade(s)	<input type="text" value="2"/>
I have co-applicants.	<input checked="" type="checkbox"/>
Social Media	
Please provide your work-related social media contact information.	
Facebook	
Twitter	Jessica Gitzinger @GATE-allenisd
Other (please specify)	

Grant Co-Applicants

Additional Grant Applicants			
First Name	Last Name	Campus	Grade
Karlye	Kile	Vaughan Elementary	2
Beth	Monsen	Vaughan Elementary	2

Describe details of the project

Grant Number	613
Campus/Student Information	
Your campus:	Vaughan Elementary
Will other campus' be involved/impacted by this grant?	<input checked="" type="radio"/> No <input type="radio"/> Yes
Your grade(s):	<input type="text" value="2"/>
Will other grades be involved/impacted?	<input type="radio"/> No <input checked="" type="radio"/> Yes
Please select all grades that will be involved/impacted by the grant.	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3
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 addresses and/or how a situation improved because of the grant. (500 words or less.)

The students will work together to create a School garden for Vaughan Elemntary. This will provide the opportunity for students to strengthen their social skills, improve their science achievement scores, and become active participants in their own learning.

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.)

Second grade GATE students will work together to plan and design a vegetable garden. Mapping the school garden will provide hands-on opportunities to integrate and apply geography and math skills. They will work together to create and decorate a raised flower bed (measuring 6' x 2'). Students will research seasonal requirements for particular plants (sun, frost, temperature) to choose the best plants for our campus garden. They will investigate the physical requirements of the chosen plants as well, and will maintain and manage the garden throughout the year. Students could utilize the garden by learning about the difference between edible and non-edible plants, plant needs, making observations, teaching other classes and grades about gardening tips, discussing changes of seasons, identifying the parts of the plants, observing the properties of the soil, and making connections to the insects that make this garden their home.

Project Summary

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

Through our Growing Memories grant, GATE second grade students will design and create their own community garden to share with the rest of Vaughan Elementary. This will become an outside extension of the science laboratory for the study and investigation of plants and insects for discovery learning.

Allen ISD Goals/ TEKS

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

A few of the many TEKS that this community garden could support are listed below:
Math 2.9(A) find the length of objects using concrete models for standard units of length;
Science 2.4(C) Within the living environment, students explore patterns, systems, and cycles by investigating characteristics of organisms, life cycles, and interactions among all the components within their habitat. Students examine how living organisms depend on each other and on their environment.
Science 2.2 (A,B,C,D,E,F) Scientific investigation and reasoning. The student develops abilities necessary to do scientific inquiry in classroom and outdoor investigations:ask questions about organisms, objects, and events during observations and investigations; plan and conduct descriptive investigations such as how organisms grow; collect data from observations using simple equipment such as hand lenses, primary balances, thermometers, and non- \diamond -standard measurement tools; record and organize data using pictures, numbers, and words; communicate observations and justify explanations using student \diamond -generated data from simple descriptive investigations; and compare results of investigations with what students and scientists know about the world.

Measurement

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

To determine the ultimate effectiveness of this project, the students would need to be able to successfully plant and grow various vegetables, and the other grades are would need to use, help maintain, and observe the garden as it relates to their own science TEKS. The students would complete various PBL (Project Based Learning) projects using the garden and these projects would be evaluated individually upon completion.

Teaching Methods

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

Students in GATE engage regularly in hands-on, inquiry based learning. While creating and working in our community garden, they will learn from experience, mistakes, and each other. They will be encouraged to ask questions, research, and explain the "why's" and "how's" of making and tending our garden. Students will complete various experiments and observations and will, of course, explore questions that come up/ are created by fellow students, throughout this long term project.

Timeline

What is the project timeline and the date of implementation?

The second grade students will begin designing the community garden during the winter months. They will begin it's construction and the planting of the vegetables in February, and will tend to it throughout the remainder of the year.

Curriculum/System Support

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

Student gardens help to teach kids to nurture and care for living things; help develop patience in children; provide for hands-on learning, observation, inquiry, and experimentation; strengthen their understanding of the scientific method; and build an understanding and respect for nature and our environment.

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

Budget Item	Item Type	Unit Cost	Quantity	Total Cost
Cedar raised garden bed	Instructional Supplies or Resources	93.77	1	93.77
Garden soil (bag, 2 cu ft)	Instructional Supplies or Resources	6.97	4	27.88
gardening tool kit	Instructional Supplies or Resources	6.16	5	30.8
Watering can	Instructional Supplies or Resources	4.88	2	9.76
50 ft green Garden hose	Instructional Supplies or Resources	24.98	1	24.98
vegetable seeds (asparagus, tomato, carrot, peppers)	Instructional Supplies or Resources	2.58	6	15.48
vegetable plant food	Instructional Supplies or Resources	9.98	1	9.98
Gardening texts (Bucklin-Sporer)	Instructional Supplies or Resources	18.89	1	18.89

BUDGET TOTAL 231.54

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. (Not your name)

First Name	Last Name	Email Address(Completed)
Honey	Gray	honey_gray@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 Jessica Gitzinger

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

This would be a great project for our students. They would be able to research and plan the garden, participate in the building and planting of the garden, and maintain it throughout the seasons. The gardening and collaboration skills learned would be ones that could be used lifelong.

History and final disposition of application

State Change History

State Change *****
03/14/2017 14:34:44
Submitted

State Change *****
03/14/2017 15:08:57
Accepted

Grant Status

Grant Awarded Yes
 No

Award Amount 232