

Grant Number 1155

Project Title Here Fishy Fishy

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?)
 No
 Yes

Primary Contact Information

First Name Melissa

Email melissa.kelly@allenisd.org

Confirm Email melissa.kelly@allenisd.org

Last Name Kelly

Phone Number 469-642-3125

Campus AHS STEAM Center

Main Subject Science - Elementary

Grade(s) Please select all applicable.

I have co-applicants.

Social Media

Please provide your work-related social media contact information.

Facebook Allen STEAM Center

Twitter @steamk8

Other (please specify) @melissa1kelly

Grant Number 1155

Campus/Student Information

Your campus: AHS STEAM Center

Will other campus' be involved/impacted by this grant?
 No
 Yes

Please select all campuses that will be involved/impacted by the grant.

- Anderson Elementary
- Bolin Elementary
- Boon Elementary
- Boyd Elementary
- Chandler Elementary
- Cheatham Elementary
- Evans Elementary
- Green Elementary
- Kerr Elementary
- Lindsey Elementary
- Marion Elementary
- Norton Elementary
- Olson Elementary
- Preston Elementary
- Reed Elementary
- Rountree Elementary
- Story Elementary
- Vaughan Elementary
- Curtis Middle School
- Ereckson Middle School
- Ford Middle School
- AHS STEAM Center

Your grade(s):

- Will other grades be involved/impacted?
- No
 - Yes

Please select all grades that will be involved/impacted by the grant.

- Pre-K
- 1
- K
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12

Project Purpose

What is the problem, need or opportunity that this grant will address? Describe the impact of this project on your students. (500 words or less.)

The STEAM center has a fabulous pond that will support a variety of aquatic life and vegetation. By adding multiple species of stock fish, bass and bluegill, to the pond students will be able to make observations of the species in their natural habitat. Photos and video can be taken with underwater cameras that have already been purchased to allow students to measure the length of the fish and chart them over time.

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.)

Bass and bluegill will be added to the pond in the form of stock fish. The fish will be introduced to the pond in a size range between 3-6." Students will be able to measure the fish through the usage of underwater cameras that have already been purchased. Students will be able to complete Pond Stock Density exercises such as the one below to evaluate the health of the pond.

"Consider the bass crowded pond, here there are no little bluegills and no large bass. Why? You need to reduce the feeding pressure on the bluegill allowing the bluegill population to increase. Killing all the weeds makes this problem worse because the bluegills have nowhere to hide. How do you remedy this problem?"

Project Summary

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

The introduction of these stock fish will create innovative opportunities for students to view, measure and make predictions about the bass and blue gill populations in the pond at the STEAM center. Through the usage of previously purchased underwater cameras students will be immersed in to a natural aquatic habitat.

Allen ISD Goals/ TEKS

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

Kindergarten: K.1A, B; K.2A, C, D, E; K.3C; K.4A, B; K.9A, B
 1st Grade: 1.1A, B; 1.2A, C, D, E; 1.3C; 1.4A; 1.9A, B
 2nd Grade: 2.1A, B; 2.2A, C, D, E, F; 2.3C; 2.4A; 2.9A, B
 3rd Grade: 3.1A; 3.2B, D, E, F; 3.3A, D; 3.4A; 3.9A, B, C
 4th Grade: 4.1A; 4.2B, D, E, F; 4.3A, D; 4.4A; 4.9A, B
 5th Grade: 5.1A; 5.2C, D, E, F; 5.3A, D; 5.4A; 5.9A, C, D
 6th Grade: 6.1A; 6.2C, E; 6.3A, D; 6.4A; 6.12E, F
 7th Grade Science TEKS
 7.1 A, B; 7.2 A, B, C, D, E; 7.3 A, B, C; 7.4 A, B; 7.5 A, B; 7.6; 7.7 B; 7.8 A, B, C; 7.10
 A, B, C; 7.11 A, B; 7.12 A, C, D; 7.13 A, B; 7.14 A, B, C;
 8th Grade Science TEKS
 8.1 A, B; 8.2 A, B, C, D, E; 8.3 A, B, C; 8.4 A, B; 8.5 D; 8.6 A, C; 8.7 C; 8.9 C; 8.10 A,
 B; 8.11 A, B, C;

Measurement

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

Students participate in pre and post activity questions with regards to their knowledge of pond habitat and aquatic life. Students will create short videos explaining their recommendations to maintain a healthy pond balance.

Teaching Methods

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

We already have purchased underwater cameras that will allow students to view the pond activity below the surface. By incorporating fish into the pond we will allow students to view additional aquatic life in a more complete ecosystem.

Timeline

What is the project timeline and the date of implementation?

The stock fish would need to be ordered, delivered and introduced to the pond. Almost immediately after delivery students will be able to begin observing the fish in their natural habitat.

Curriculum/System Support

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

This project would allow students to observe fish in their natural habitat as well as allow them study the ecosystem that they are a part of.

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

Budget Item	Item Type	Unit Cost	Quantity	Total Cost
-------------	-----------	-----------	----------	------------

	Budget Item	Item Type	Unit Cost	Quantity	Total Cost
5"-7" bass		Instructional Supplies or Resources	3.0	15	45.0
2-4" bluegill/sunfish		Instructional Supplies or Resources	0.5	180	90.0
fathead minnows (priced by the lb)		Instructional Supplies or Resources	15.0	10	140.0
artificial fish habitat		Instructional Supplies or Resources	99.0	1	99.0

BUDGET TOTAL 374

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

Principal Approval Required

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

First Name	Last Name	Email Address(Completed)
Courtney	Sharkey	courtney.sharkey@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 Melissa Kelly

Date 01/31/2019

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

We cannot wait to share the pond with the district!!

State Change History

State Change melissa.kelly@allenisd.org
01/31/2019 11:01:10
Submitted

State Change *****
02/01/2019 08:00:00
Not Submitted

State Change *****
02/01/2019 08:00:05
Submitted

State Change *****
02/01/2019 09:29:51
Accepted

Grant Status

Grant Awarded Yes
 No

Award Amount 374