

## General Information

Grant Number	529
Project Title	Egg-ceptional Observations
Please select the <b>MAIN</b> 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
<b>Primary Contact Information</b>	
First Name	Kim
Email	kim_leslie@allenisd.org
Last Name	Leslie
Phone Number	214-762-9164
Campus	Marion Elementary
Main Subject	Science - Elementary
Grade(s)	<input type="text" value="1"/>
I have co-applicants.	<input checked="" type="checkbox"/>
<b>Social Media</b>	
Please provide your work-related social media contact information.	
Facebook	none
Twitter	@LeslieMarion1st
Other (please specify)	none

## Grant Co-Applicants

Additional Grant Applicants			
First Name	Last Name	Campus	Grade
Marci	Dolton	Marion Elementary	first
Jenny	Pero	Marion Elementary	first
Paige	Bratton	Marion Elementary	first
Meredith	Martin	Marion Elementary	first

## Describe details of the project

Grant Number	529
<b>Campus/Student Information</b>	
Your campus:	Marion Elementary
Will other campus' be involved/impacted by this grant?	<input checked="" type="radio"/> No <input type="radio"/> Yes
Your grade(s):	1
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"/> K <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3

### 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 bring real world investigations from a farm setting to Marion Elementary. It will provide an opportunity for students to experience live chickens going through their 21 day life cycle and provide hands on activities that would not be a part of our usual teaching unit. The first grade teachers will engage the students by observing the incubators in our classrooms daily. We will also place an incubator in the library so all students on campus can make observations daily. First grade students will learn about life cycles and animal adaptations (characteristics) with real specimens. The first grade teachers will guide the students learning over a 4 week period to build their schema about the chicken life cycle, the hatching process and how to care for them once they hatch. After experiencing the chickens hatching in the classroom, the students will be able to communicate new information that goes beyond their normal everyday school learning. Marion has used incubators for observations for the past 2 years, but only in 2 classrooms out of 5. We are looking to purchase more incubators to give all first grade students the chance to make daily observations during the chicken life cycle unit.

### 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.)

The incubators will be used in all 5 first grade classrooms. All the students in first grade will benefit. We would also like to purchase an incubator to go in the library so all students can benefit from this real world observation. The students will be engaged with observation experiences daily during our science lessons over a 4 week period (the 21 day incubation period and week of the hatching.) The students will observe the baby chicks using their adaptations for eating and movement. They will make comparisons between the baby chicks and an adult chicken. Students will be provided weekly journaling sessions to communicate observations and ask questions about the hatching process.

### Project Summary

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

Students will observe chicken eggs in an incubator and then experience the hatching process in their own classroom! Students will get to see the life cycle of a chicken happen right before their eyes!

### Allen ISD Goals/ TEKS

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

Life Cycles and Food Webs 1.10C Compare ways that young animals resemble their parents; (readiness) and 1.10D Observe and record life cycles of animals such as a chicken, frog, or fish and 1.9C Adaptations 1.10A Investigate how the external characteristics of an animal are related to where it lives, how it moves, and what it eats. (readiness)  
Scientific Investigation 1.2A Ask questions about organisms, objects and events observed in the natural world.

### Measurement

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

Teachers will observe the students' engagement during the investigative activities. If the students are excited and involved they are more likely to make connections and learn. The students will be completing journaling activities throughout the 4 week period to show new learning. The teachers will hold small group discussions about what was experienced during the observations. To culminate the experience, the students will create a model of the life cycle of a chicken and complete a critical writing piece detailing each step of the life cycle.

### Teaching Methods

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

The students will be engaged in constant observation of the incubators over the 4 week period. The students will be able to observe real life organisms, not just pictures. Students will be able to see incubation, the candling of

the eggs, and the hatching process. Students will be journaling their observations, recording data weekly and sequencing the life cycle of a chicken. We will also be focusing on specific vocabulary, such as: life cycle, parent, young and trait.

**Timeline**

What is the project timeline and the date of implementation?

The chicken egg observation would be scheduled for a 4 week period in the spring of 2018, during the curriculum unit time frame. The students would be engaged in the observations during our 45 minute science block daily.

**Curriculum/System Support**

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

The chicken incubator observations will enhance the students learning of the above TEKS by giving the students new and interactive experiences not attainable in the regular classroom. The students will learn with real life organisms that are not a part of our regular resources.

**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
1588 Genesis Hova-Bator	Instructional Supplies or Resources	134.95	4	539.8
1611- Automatic Egg turners with 6 universal egg racks	Instructional Supplies or Resources	51.98	4	207.92
4006- 9 inch Drinker	Instructional Supplies or Resources	7.8	6	46.8
9046- Cool Lite Tester	Instructional Supplies or Resources	11.99	2	23.98

**BUDGET TOTAL 818.5**

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)
Brooke	Cherry	Brooke_Cherry@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 Kim Leslie

Date 02/17/2017

**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 grant supports our current first grade curriculum.

**History and final disposition of application**

State Change History

State Change \*\*\*\*\*  
02/23/2017 08:02:37  
Submitted

State Change \*\*\*\*\*  
02/23/2017 16:18:28  
Accepted

Grant Status

Grant Awarded  Yes  
 No

Award Amount 820