



## Foundation For Allen Schools Grant Application 2021

**Scholarship Fund Amount: \$0**

**Let's get to know you!**

Please provide your work-related Twitter contact information.	ms_morgan_ross
Please provide your work-related Facebook contact information.	
I have co-applicants:	No
Best phone number to reach you at:	+19725330101
Campus	Reed Elementary School
Grade(s)	Kindergarten;1;2;3;4;5;6

### Additional Co-Applicants

Campus	Reed Elementary School
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### Project Information

Are there any additional funds available for this grant?	Yes
Will other grades be involved/impacted?	Yes
Will other campuses be involved/impacted?	No
Does your grant have a technology component?	No
Please select the MAIN curriculum area your grant addresses.	Science / STEAM
How many students will be involved in this	

grant?	500
Name of Grant	What's Hatching?

**Project Information Continued**

Provide a brief summary for use on the Foundation's website and social media.	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!
How will the project or program be implemented? Describe activities and tasks. Who is the target population and in what ways will they benefit?	The incubators will be used in all 4 first grade classrooms. All the students in first grade will benefit. The entire school will also benefit from the incubators because we plan to provide student led videos of the incubators on the announcements. 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.
What is the problem, need or opportunity that this grant will address? Describe the impact of this project on your students.	This grant will bring real world investigations from a farm setting to Reed Elementary. At Reed many students do not have opportunities for real world experiences. 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. 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

	<p>learning. In the past Reed Elementary has had to borrow incubators that led to unsuccessful results. We are looking to purchase incubators for the school to give all first grade students the chance to make daily observations during the chicken life cycle unit.</p>
<p>Which Allen ISD goals/TEKS does this project support? Please provide 2 examples.</p>	<p>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. The new materials will help fulfill two of Allen ISDs district beliefs. *We believe every child deserves the highest quality education. * We hold ourselves accountable to every child who walks through the door.</p>
<p>Explain how this idea or project enhances/supports Allen ISD curriculum or existing systems.</p>	<p>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.</p>
<p>What is the project timeline and the date of implementation?</p>	<p>The chicken egg observation would be scheduled for a 4 week period in the spring of 2022, during the curriculum unit time frame. The students would be engaged in the observations during our 30 minute science block daily.</p>
<p>What teaching methods will be used to implement this project?</p>	<p>This project will allow students to participate in scientific inquiry. 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. Students</p>

	will be recording weekly videos using specific vocabulary to share with the entire school.
What specific measurements will be used to evaluate the effectiveness of the project?	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.

**Project Budget**

Total Grant Budget Requested:	955.20
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**Almost done!**

	
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**Project Budget Set Number 1**

Question	Answer
Item Type	Instructional Supplies or Resources
List item to be purchased under item category:	1588 Genesis Hova-Bator
Unit Cost	141.00
Quantity	4
Total cost of items in this category:	564.00

**Project Budget Set Number 2**

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<b>Question</b>	<b>Answer</b>
Item Type	Instructional Supplies or Resources
List item to be purchased under item category:	1611- Automatic Egg turners with 6 universal egg racks
Unit Cost	60.20
Quantity	4
Total cost of items in this category:	240.80

### **Project Budget Set Number 3**

<b>Question</b>	<b>Answer</b>
Item Type	Instructional Supplies or Resources
List item to be purchased under item category:	Cool-Lite Tester
Unit Cost	13.65
Quantity	4
Total cost of items in this category:	54.60

### **Project Budget Set Number 4**

<b>Question</b>	<b>Answer</b>
Item Type	Instructional Supplies or Resources
List item to be purchased under item category:	chick water dispenser
Unit Cost	13.95
Quantity	4
Total cost of items in this category:	55.80

### **Project Budget Set Number 5**

<b>Question</b>	<b>Answer</b>

Item Type	Shipping
List item to be purchased under item category:	Shipping
Unit Cost	40
Quantity	1
Total cost of items in this category:	40.00