

Grant Number 983

Project Title Read All About It

Please select the **MAIN** curriculum area your grant addresses. ScienceDoes your grant have a technology component? (Will you have technology equipment, software, etc. in your budget?)  
 No  
 Yes

### Primary Contact Information

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Last Name drury

Phone Number 214-495-6765

Campus Kerr Elementary

Main Subject Science - Elementary

Grade(s) 4

I have co-applicants. 

### Social Media

Please provide your work-related social media contact information.

Facebook

Twitter

Other (please specify)

Grant Number 983

### Campus/Student Information

Your campus: Kerr Elementary

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

Your grade(s): 4

Will other grades be involved/impacted?  
 No  
 Yes

### 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.)

Scholastic Super Science is a resource that can help bridge Science into STEM/STEAM. They have great articles that cover a range of topics from Earth, Life and Physical Science to Engineering and how they tie into what is happening in the world. This magazine will allow students the opportunity to:

- \* Read about the latest scientific discoveries and how engineering helps with science
- \* Provide the opportunity for hands-on science experiments as well as engineering challenges.
- \* Help students analyze data, graphs and charts.
- \* Build academic and domain-specific vocabulary.
- \* Read - on grade level - about the different sciences and how they impact or are impacted by what is happening in the world.
- \* READ ALOUD the articles to students - great for our DT/Sped/ESL students.
- \* Help keep students informed about new science implementations and how engineering ties into science.
- \* provide videos and color pictures to help our ESL students make more solid connections with vocabulary and have a deeper understanding to their learning.
- \* Provide teachers with lesson plans as well as skill sheets to help students reach a higher level of comprehension.
- \* Provide nonfiction articles that bring science to life and help students think like scientist and engineers.
- \* Help students build vocabulary as well as improving their reading skills for non-fiction.
- \* Help connect Science to Math, Language Arts, and Social Studies.
- \* Utilize searchable archives to help in teaching students specific topics, some they have covered or are interested in.

### 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.)

Scholastic Super Science is a classroom magazine that is offered through Scholastic for grades 3-6. We would implement this magazine as a supplemental resource, not just for Science, but for Language Arts as well. It will help with current events; build on science concepts; empower students to see some of the possibilities available to them for their future. It will also help with making inferences, building vocabulary, determining cause and effect. There are 8 issues of this magazine each year, which would allow us to discuss a variety of topics that correlate to our 4th grade Science and ELAR TEKS. The goal is to get enough subscriptions for each 4th grader to call their own for next year. This would allow them to take notes/highlight directly on the pages, take ownership of their magazine. It will also allow them the opportunity to share it with their family and try out some of the hand-on investigations or engineering challenges. We would use the magazine to build interest in real world events. Allowing students to read, watch videos, write about and discuss the impact. If we were to have this resource, then each student will have the opportunity to learn and grow from discoveries, challenges, and the path science is taking for the future. We would use the Engineering Challenge/Hands-on investigation once an issue to build interest in Science and Engineering - building STEAM. As a magazine subscriber, teachers will have online access to a variety of extra materials which we would plan to use. These extra materials include lesson plans, videos to expand the articles, extra digital articles, online resources, skill sheets, comprehension pages and more.

### Project Summary

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

Scholastic Super Science Magazine allows us to bridge Science and ELA with the STEAM concept using Real World events/articles. Hands-on investigations; bright, clear pictures; engineering challenges; video/text support help students to make connections and increase interest.

### Allen ISD Goals/ TEKS

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

4.2D Analyze data and interpret patterns to construct reasonable explanations for data that can be observed and measured.

4.3A Analyze, evaluate, and critique scientific explanations by using evidence, logical reasoning, and experimental and observational testing.

Figure 19D Make inferences about text and use textual evidence to support understanding

### Measurement

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

My goal is to increase awareness about what is scientifically happening in the world. A couple of times a week we will use the magazine for bell work where the students will get to work with a partner to find an article/articles they are interested in. They will read and answer questions as it pertains to the article. Depending on the article they may be analyzing data or completing comprehension questions. I will set aside time every-other Friday for the students to use the Scholastic Super Science Magazine to 1) perform one of the hands-on experiments for them to analyze data and collaboratively discuss their findings with their table group 2) share an article that is most intriguing to them and they want to learn more about 3) design solutions to one of the engineering challenges and then share with class. Some of my evaluation will depend on the specific articles and skill sheets, where other evaluations may come from Rubrics to help guide students with their investigations.

### Teaching Methods

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

We will use a variety of teaching methods to implement this project. We will have brainstorming sessions, videos, experimentation to complete the engineering challenges or hands-on investigations. There will be some lecture, small and large group discussion, lab investigations, writing opportunities, and some presentations as well.

### Timeline

What is the project timeline and the date of implementation?

This project will be on-going throughout the 2019-2020 school year. We will use the magazine to help bridge the STEAM gap with ELA and Science. The magazine will be used alongside our other 4th grade Science and ELAR resources. Magazines will be purchased when funds are available at the beginning of the 2019 school year.

### Curriculum/System Support

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

One of our main resources for Science in 4th grade is STEMscopes. It updates yearly since it is an on-line resource. One of the hard parts with this resource is there are not actual photos the students can study, nor clear, hard copies they can make their own. The world continues to change. So many of those changes involve Engineering, Science, Math and Technology. Being able to communicate and collaborate are crucial skills students need to succeed. With the advancement of technology, student's interests have also changed. So many answers are just a couple of buttons away. But do they really understand how those answers came to be? The need for interest in the science and engineering fields is increasing. Scholastic Super Science magazine would allow our students the opportunity to read and discuss with the class how science relates to our every day world. It allows them to analyze and find conclusions via articles or challenges. Giving them engineering challenges allows them the chance to take risks while learning. We always tell our students how much we truly learn from each other. This magazine would help to open up new channels of discussions while guiding them along. Having their own copy of the magazine allows them to go back and reevaluate; share with others what they have learned; a chance to apply the knowledge they learned from one magazine to another problem from another magazine.

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

Budget Item	Item Type	Unit Cost	Quantity	Total Cost
Scholastic Super Sience Magazine	Instructional Supplies or Resources	7.49	115	861.35

BUDGET TOTAL 861.35

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)
Ardath	Streitmatter	ardath.streitmatter@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 Katherine Drury

Date 01/05/2019

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

What a great resource to provide real-world awareness of Science for students.

### State Change History

State Change katherine.drury@allenisd.org  
01/06/2019 17:41:12  
Submitted

State Change \*\*\*\*\*  
01/23/2019 18:03:07  
Accepted

### Grant Status

Grant Awarded  Yes  
 No

Award Amount 862