



## Foundation For Allen Schools Grant Application

**Scholarship Fund Amount: \$0**

Application #: AP221030

Applicant First Name: Jennifer

Applicant Last Name: Chapates

Applicant Email Address: jennifer.chapates@allenisd.org

Gender:

Cell Phone #:

High School:


Post Secondary School:

Application Status: Submitted

### Application Questions and Answer

Question	Answer
Preferred name/name that you go by:	Jenny
Best phone number to reach you at:	+12149261978
Campus	Anderson Elementary School
Grade(s)	6
I have co-applicants:	No
Please provide your work-related Facebook contact information.	
Please provide your work-related Twitter contact information.	
Name of Grant	21st Century Science
Please select the MAIN curriculum area your grant addresses.	Science / STEAM

Does your grant have a technology component?	No
Will other campuses be involved/impacted?	No
Will other grades be involved/impacted?	Yes
How many students will be involved in this grant?	300
Are there any additional funds available for this grant?	No
What is the problem, need or opportunity that this grant will address? Describe the impact of this project on your students.	Our school has a very limited number of triple beam balances in the science lab. Several are broken, so they don't measure accurately. By purchasing digital scales, our students will be using up-to-date tools that are much more accurate than the balances we seek to replace. These tools are used in secondary science labs and will help our elementary students. One of the 6th grade TEKS is to calculate density from knowing the mass and volume of an object. If students are unable to measure mass, they cannot calculate the density.
How will the project or program be implemented? Describe activities and tasks. Who is the target population and in what ways will they benefit?	Students in grades 3-6 will have access to these scales to implement the processing skills in the Science Lab. I also have a Science Fair Club for 4th -6th graders in the first semester. The students will be able to use these scales to conduct their experiments and be sure their mass measurements are accurate.
Provide a brief summary for use on the Foundation's website and social media.	21st Century students deserve 21st Century tools. Our new digital scales will help us live the Allen Science motto, "We DO Science".
Which Allen ISD goals/TEKS does this project support? Please provide 2 or 3 examples.	6.4A Use appropriate tools to collect, record, and analyze information 6.2C Collect and record data using the International System of Units (SI) and qualitative means such as labeled drawings, writing, and graphic organizers 6.6B Calculate density to identify an unknown substance
What specific measurements will be used to evaluate the effectiveness of the project?	We will record the number of times 3-6th grade teachers use the digital scales and compare measuring mass on them to measuring mass on the triple beam balances to determine how accurate the triple beam balances are.

What teaching methods will be used to implement this project?	These scales will be used in several district curriculum labs as well as in investigations students design themselves. They will be used in class as well as with the Science Fair Club.
What is the project timeline and the date of implementation?	Upon approval, 6 scales will be purchased and immediately available to teachers for their grade-level labs and for students to collect data for their self-designed labs.
Explain how this idea or project enhances/supports Allen ISD curriculum or existing systems.	The STEAM Center has state of the art equipment for use during our once per year field trip, but students need these skills year-round in order to work like scientists. This project supports all of the Science Departments goals for students to be doing the science in collaborative groups, being curious, and enjoying science. When outdated tools don't work, students get frustrated and collect incorrect data. This project is one that will help modernize our science lab so teachers and students will utilize it more often.
Total Grant Budget Requested:	1247.40
	

**Project Budget Set Number 1**

Question	Answer
Item Type	Instructional Supplies or Resources
List item to be purchased under item category:	Digital Scales
Unit Cost	189
Quantity	6
Total cost of items in this category:	1247.40