



Foundation For Allen Schools Grant Application

Scholarship Fund Amount: \$0

Application #: AP221089

Applicant First Name: Amy

Applicant Last Name: Gamble

Applicant Email Address: amy.gamble@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:	Amy
Best phone number to reach you at:	+12147339420
Campus	Cheatham Elementary School
Grade(s)	Pre-K;Kindergarten;1;2;3;4;5;6
I have co-applicants:	No
Please provide your work-related Facebook contact information.	
Please provide your work-related Twitter contact information.	@CheathamLib
Name of Grant	On the Move!
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?	No
How many students will be involved in this grant?	800
Are there any additional funds available for this grant?	No
<p>What is the problem, need or opportunity that this grant will address? Describe the impact of this project on your students.</p>	<p>Our library is in need of some marble runs to help support our makerspace and science curriculum. These marble runs are items that several teachers have been requesting for the past few years to help their students learn in a more hands-on way during their Force and Motion units for Science. The marble runs would be able to be utilized across all age levels on our campus from Pre-K to 6th grade. They would benefit all types of learners, including our special education students and ELL learners by providing them with a visual and interactive learning experience. The marble runs would allow all students to use their creativity and problem-solving skills to build different tracks for the marbles. They would also allow them to test out different types of motion and forces to learn in a more engaging way.</p>
<p>How will the project or program be implemented? Describe activities and tasks. Who is the target population and in what ways will they benefit?</p>	<p>The Library Media Specialist will house the marble runs in the library for teachers to check out and utilize with their students. There would be 5 baskets of marble runs so that a teacher can check out the baskets and have their entire class be able to work on the same activity at the same time. These marble runs can be rotated around to different classrooms for a different variation of activity based on the TEKS for their grade level. These can be used by all students in Pre-K through 6th grade. There are different pieces the students can add to make different types of motion, there can be different variations of force added to the marbles, and there can also be different textures added to the runs to test the speed of the marbles. The marble runs will also be available for use as a library makerspace</p>

	<p>station when not being utilized by the teachers and students in the classrooms. This will allow the students to expand their learning and test out new designs beyond the classroom.</p>
<p>Provide a brief summary for use on the Foundation's website and social media.</p>	<p>On the Move! is a great way for students Pre-K to 6th grade to have an engaging, hands-on learning experience for their Force and Motion units. Marble runs can allow students to test different types of motion with different pieces, apply different types of forces to the marbles, and even add different types of textures to the surfaces of the runs to test the speed of the marbles. The marble runs will provide a neat way for students to use their creativity and problem-solving skills as they design their own paths for learning.</p>
<p>Which Allen ISD goals/TEKS does this project support? Please provide 2 or 3 examples.</p>	<p>These are just a few examples of how the marble runs can support the TEKS: 1.6C - Demonstrate and record the ways that objects can move such as in a straight line, zig-zag, up and down, back and forth, round and round, and fast and slow. 4.6D - Design a descriptive investigation to explore the effect of force on an object such as a push or a pull, gravity, friction, or magnetism.</p>
<p>What specific measurements will be used to evaluate the effectiveness of the project?</p>	<p>We will measure student success through teacher observation of students during the Science/makerspace activities. Teachers can use reflection pages or discussion to determine whether or not students are understanding the concepts being covered that fit their grade level specific TEKS.</p>
<p>What teaching methods will be used to implement this project?</p>	<p>Students will use a variety of different problem-solving methods, including the AISD Engineering Design Process to complete grade level specific tasks using the marble runs. Students will work independently or collaboratively in groups to solve a problem or challenge they are provided with that connects with the TEKS.</p>
<p>What is the project timeline and the date of implementation?</p>	<p>The new supplies would be purchased at the beginning of the 2020-2021 school year as soon as the funds are made available. The materials will be added into our makerspace checkout system as soon as they are received and cataloged. They will be used throughout the year during all grade level Force and Motion</p>

	units for Science and then also utilized in the library as a makerspace station.
Explain how this idea or project enhances/supports Allen ISD curriculum or existing systems.	Makerspace activities provide a more hands-on approach to learning. By providing students with supplies to build and test out force and motion concepts for their science units, we are enhancing the Allen ISD curriculum for these students. This would provide them with a new and exciting opportunity to liven up TEKS that are covered each year.
Total Grant Budget Requested:	174.44
	

Project Budget Set Number 1

Question	Answer
Item Type	Instructional Supplies or Resources
List item to be purchased under item category:	JOYIN 150Pcs Marble Run Premium Set
Unit Cost	29.95
Quantity	5
Total cost of items in this category:	159.75

Project Budget Set Number 2

Question	Answer
Item Type	General Supplies
List item to be purchased under item category:	Large Sterilite Storage Baskets - Set of 6 - 16268006
Unit Cost	24.69
Quantity	1
Total cost of items in this category:	24.69