Foundation For Allen Schools Grant Application

Scholarship Fund Amount: $0

Application #: AP233002

Applicant First Name: Amy

Applicant Last Name: Gamble

Applicant Email Address: amy.gamble@allenisd.org

Gender:

Cell Phone #:

High School:

Post Secondary School:

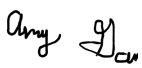
Application Status: Submitted

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;6;5;4
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	2-D Shapes, 3-D Shapes, and More!
Please select the MAIN curriculum area your grant addresses.	Math – Elementary

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
What is the problem, need or opportunity that this grant will address? Describe the impact of this project on your students.	Our library is in need of some interlocking shapes and bars blocks to help support our makerspace and math curriculum. These interlocking shapes and bars blocks will allow students to explore shapes in a new and creative way. Students of all grade levels, Pre-K through 6th Grade, will be able to use their creativity and problem-solving skills to build anything they can imagine. Then the students can apply their math skills and math vocabulary to discuss and explain what 2-D and 3-D shapes they used in their creations, or continue with other math concepts. These blocks would not only be a great support for our math TEKS, but they are building materials that can be used in a variety of ways to support many other subject areas as well.
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 Library Media Specialist will house the interlocking shapes and bars blocks in the library for teachers to check out and utilize with their students. There will be 5 bins of these building blocks available so that a teacher can check out all of the bins and have their entire class do the same activity at the same time. The blocks are versatile and can be used for different activities for different grade levels. Students can build their own creations and then identify the number of 2-D shapes and 3-D shapes that were used. Students can also be given specific grade level challenges to build a structure with a designated amount of 2-D shapes or build a specific 3-D shape. Students can then use their creations to identify different attributes of the shapes they build or even find the volume of different size rectangular prisms. Each of these activities give a great hands-on-approach to learning

	that will benefit all types of learners, including our special education students and ELL students. These building blocks can also be out in the library as a makerspace station when they are not being utilized in the classroom so students can explore new designs.
Provide a brief summary for use on the Foundation's website and social media.	2-D Shapes, 3-D Shapes, and More! is a grant that provides Cheatham students with versatile building materials that can be used in many different subject areas for wonderful, engaging lessons. These blocks are extremely helpful in supporting our 2-D and 3-D shape units. Students will love getting a chance to use their problem-solving skills to design many different creations and then show off their math skills and vocabulary concepts when they are finished building.
Which Allen ISD goals/TEKS does this project support? Please provide 2 or 3 examples.	These are just two examples of how the interlocking shapes and bars blocks can be utilized to support the TEKS: 2.8D - Compose 2-dimensional shapes and 3-dimensional solids with given properties or attributes. - Use 2-D shapes to compose a 3-D figure 5.4G - Use concrete objects and pictorial models to develop the formulas for the volume of a rectangular prism, including the special form for a cube
What specific measurements will be used to evaluate the effectiveness of the project?	Teachers will be able to measure student success through observations and discussions during the makerspace/math activities. They can also use reflection pages to determine whether or not the students are able to identify the different attributes of the 2-D and 3-D shapes used in their creations or if they can successfully calculate the volumes of the rectangular prisms they build.
What teaching methods will be used to implement this project?	Students will use a variety of different problem-solving methods to complete grade level specific tasks using the interlocking shapes and bars blocks. They will work independently or collaboratively in groups to solve a problem or challenge they are provided with that connects with their specific TEKS.
	The Library Media Specialist will order the building blocks as soon as funds are approved at the beginning of the 2020-2021 school year. Once the items come in, they will be cataloged

What is the project timeline and the date of implementation?	and added to the makerspace collection for immediate checkout by all teachers for students to use to support their lessons. The building blocks will be used throughout the entire school year for different makerspace activities and continue to be utilized for many years to come.
Explain how this idea or project enhances/supports Allen ISD curriculum or existing systems.	These blocks will provide many opportunities for all students at Cheatham to learn in a more engaging and hands-on way by getting to use their creativity to design new things. The building blocks can support many different subject areas with their versatility, but they are especially great for supporting our 2-D and 3-D shape units. Our district has a big push for makerspace activities and these materials would be a wonderful addition to our collection.
Total Grant Budget Requested:	94.95
	

Project Budget Set Number 1

Question	Answer
Item Type	Instructional Supplies or Resources
List item to be purchased under item category:	Juboury 1,054pcs Interlocking Shapes and Bars Blocks
Unit Cost	18.99
Quantity	5
Total cost of items in this category:	94.95