

General Information

Grant Number	572
Project Title	Maker Space in the Classroom
Please select the MAIN curriculum area your grant addresses.	Gifted & Talented
Does your grant have a technology component? (Will you have technology equipment, software, etc. in your budget?)	<input checked="" type="radio"/> No <input type="radio"/> Yes
Primary Contact Information	
First Name	Diane
Email	Diane_Moore@allenisd.org
Last Name	Moore
Phone Number	469-467-1400
Campus	Chandler Elementary
Main Subject	Advanced Academics
Grade(s)	<input type="text" value="4"/>
I have co-applicants.	<input type="checkbox"/>
Social Media	
Please provide your work-related social media contact information.	
Facebook	N/A
Twitter	@ChandlerAIM
Other (please specify)	Chandler Elementary AIM teacher website

Describe details of the project

Grant Number	572
Campus/Student Information	
Your campus:	Chandler Elementary
Will other campus' be involved/impacted by this grant?	<input checked="" type="radio"/> No <input type="radio"/> Yes
Your grade(s):	4
Will other grades be involved/impacted?	<input type="radio"/> No <input checked="" type="radio"/> Yes
Please select all grades that will be involved/impacted by the grant.	<input type="text" value="5"/>

Project Purpose

What is the problem, need, or opportunity that this grant will address? Explain **what students will know and be able to do** as a result of this project and/or how a problem will be addresses and/or how a situation improved because of the grant. (500 words or less.)

The idea behind the Makers Movement includes allowing people to imagine, envision, create, innovate, play, formatively learn, experiment, collaborate, share, and most of all dream of possibilities. It allows people to finally use the technology to create and make. "Creativity Leads to Innovation" is a sign I keep up in my classroom all the time. In maker space, students learn to work together, communicate, design, test, remake. Working together and communication is so important as we move into more technology. The focus is for students to become better problem solvers as they work through the challenges in Maker Space.

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.)

Maker Space is a space I have set up in my classroom now. I've filled bins with duct tape, rulers, washers, construction paper, straws, beads, toilet paper rolls, paper plates, glue, scissors, etc. which can be funded with my budget and my personal funds, but I want more advanced building materials for the students to have access to be able to create. I have several Mind Mission books, Engineering Tasks for kids (K-6 grades) and the design process is taught: Ask- Imagine- Plan- Create -Improve -and Communicate

This will benefit students K-6.

Project Summary

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

Maker Space in the classroom will Create opportunities for students to be producers of content and products and will Facilitate to students the idea of entrepreneurship through innovation. This is Problem Based Learning. Students are using 21 Century Skills to improve Learning in all walks of life.

Allen ISD Goals/ TEKS

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

English LA: 1.A.2 Generates ideas and gathers information relevant to the topic and purpose , keeping records
Math VI.A and VI.B- Determines types of data, selects and analyzes given information
Science I.C.1 Collaborates on joint projects; 1B1- Designs and conducts scientific investigations in which hypotheses are formulated and tested
CRoss-Disciplinary Standards: 1.A1 Engages in Scholarly inquiry and Dialogue
1.A.2 Accepts constructive criticism and revise personal views when valid evidence warrants

Measurement

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

Focus is for students to work through challenges to become better problem solvers. To measure this, they will be completing the Design process. Do they plan? Do they design? Do they collaborate with team members? Do they work independently to research when needed? Is the PBL- Problem Based Learning project completed in given time? Asking the students to present their findings and what he/ she learned. Final presentation, and the end result project will show. I also will use rubrics of what the expectation and then grade them according to the rubric.

Teaching Methods

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

First the design process is taught.
next, What is Maker Station? Explain to class by defining and giving expectations.
This is an ongoing station, year after year, with different learning tasks, engineering challenges.
Every challenge will be reviewed in advance, students will be taught how to collect and record data for their challenges and how to present.

Timeline

What is the project timeline and the date of implementation?

Begins the second week of school each school year and ends last day if applicable.
The items bought with the grant money will stay in the classroom and be used year after year. The consumables are what I will provide with classroom budget and my funds as mentioned earlier.(paper, etc).

Curriculum/System Support

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

Allen ISD STEM Design AND
AIM classroom activities focus on logic, problem solving, higher order thinking skills, critical and creative thinking. AIM

classrooms will focus on STEM integration along with current curriculum.

Budget details

Budget Details ** All awarded funds will be available by September of the next school year.				
Budget Item	Item Type	Unit Cost	Quantity	Total Cost
Bloxels Team builder 5 pack	Instructional Supplies or Resources	250.0	1	250.0
Osmo Coding Game	Instructional Supplies or Resources	49.5	1	49.5
Let's Start Stem Coding Kit	Instructional Supplies or Resources	54.99	1	54.99
BUDGET TOTAL		354.49		
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?		<input checked="" type="radio"/> No		
		<input type="radio"/> Yes		

Signature page and principal contact

Principal Approval Required		
Please provide the Name and Email of your PRINCIPAL. (Not your name)		
First Name	Last Name	Email Address(Completed)
Cindy	Blair	Cindy_Blair@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	Diane Moore	
Date	02/28/2017	

Principal's approval form

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
This is an excellent opportunity for students to become real-life problem solvers.

History and final disposition of application

State Change History	
State Change	***** 02/28/2017 16:04:30 Submitted
State Change	***** 03/01/2017 11:30:10 Accepted
Grant Status	
Grant Awarded	<input checked="" type="radio"/> Yes
	<input type="radio"/> No
Award Amount	355