

General Information

Grant Number	809
Project Title	From Play-Doh to Plato
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	Pamela
Email	Pamela.Moore@allenisd.org
Last Name	Moore
Phone Number	467-469-1400
Campus	Chandler Elementary
Main Subject	Science - Elementary
Grade(s)	<input type="checkbox"/> 1 <input type="checkbox"/> K <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6
I have co-applicants.	<input type="checkbox"/>
Social Media	
Please provide your work-related social media contact information.	
Facebook	
Twitter	@AIMChandler
Other (please specify)	

Describe details of the project

Grant Number	809
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):	1,K,2,3,4,5,6
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="checkbox"/> 6
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.)	

AIM is a class that covers a Humanities and Science based curriculum. The students are taught to take risks, discover, and create. I took the idea from Walt Disney's Imagineers, who combine engineering and imagination. That is what my students do

weekly as they dive into higher level curriculum and STEM. My classroom lacks supplies for engineering solutions to problems. The funds will be used by students to code, build, and innovate. STEM activities prepare our learners for the future.

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.)

The grant will be used for all grade level students K-6 in the AIM classroom. They will be used with the AIM curriculum. The materials proposed, the list of project options is limitless. Specific challenges are listed in our curriculum (problem based learning) for the students to solve and they lead to inquiry and application across the multiple disciplines. Students are provided with open-ended projects options as they play and tinker with the tools provided. Finally, students will have the opportunity to learn basic coding and programming using a variety of resources. Leadership qualities will be demonstrated from students through self-directed as well as teacher led; student led projects and group collaborations.

Project Summary

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

Imagineering supplies 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: I.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
Transforms the traditional classroom into an innovative learning experience that meets the needs of the individual learner in all types of problem solving situations.

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.
The PBL will be introduced that correlates the AIM curriculum. This will transform the traditional classroom into an innovative learning environment.

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.

Curriculum/System Support

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

The learning experiences mentioned in this proposal will help the student reach a higher level of problem solving than can be reached with the regular curriculum. The AIM classroom allows for an extension of creativity and innovation but I do need support with the funding of STEM supplies. This deepens the understanding of curriculum taught at a higher level promotes depth and complexity
Fosters collaboration
relates classroom learning to the real world
provides opportunities for experimentation, failure, improvement and discovery as part of the scientific process in practice.

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
Play-Doh and Model Magic	Instructional Supplies or Resources	30.0	1	30.0
Cricut machine	Instructional Supplies or Resources	199.0	1	199.0
Batteries, binder clips, velcro, sewing scissors, needles, thread, (basic maker space supplies)	Instructional Supplies or Resources	100.0	1	100.0
Singer simple Sewing Machine	Instructional Supplies or Resources	110.0	1	110.0
Little Bits STEAM student Set (up to 4 students)	Instructional Supplies or Resources	195.0	1	195.0
Mbot version 1.1 (x2)	Instructional Supplies or Resources	91.0	1	91.0
shipping	Instructional Supplies or Resources	50.0	1	50.0
Game board pieces	Instructional Supplies or Resources	25.0	1	25.0
Bloxels	Instructional Supplies or Resources	35.0	5	175.0

BUDGET TOTAL 975

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

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	Cynthia.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 P. Diane Moore

Date 01/31/2018

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

I support this grant request due to its alignment with District and campus goals. This is a wonderful learning opportunity for students.

History and final disposition of application

State Change History

State Change *****
01/31/2018 16:18:24
Submitted

State Change *****
01/31/2018 16:21:28
Accepted

Grant Status

Grant Awarded Yes
 No

Award Amount