

**General Information**

Grant Number	684
Project Title	Makers in the Middle
Please select the <b>MAIN</b> curriculum area your grant addresses.	Science
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
<b>Primary Contact Information</b>	
First Name	melissa
Email	melissa.kelly@allenisd.org
Last Name	kelly
Phone Number	972-727-0511
Campus	Administration Building
Main Subject	Instructional Technology
Grade(s)	<input type="checkbox"/> 7 <input type="checkbox"/> 8
I have co-applicants.	<input checked="" type="checkbox"/>
<b>Social Media</b>	
Please provide your work-related social media contact information.	
Facebook	
Twitter	@melissa1kelly
Other (please specify)	

**Grant Co-Applicants**

Additional Grant Applicants			
First Name	Last Name	Campus	Grade
Brenda	Hawkins	Curtis Middle School	7,8
Laura	Mason	Ereckson Middle School	7,8
Morgan	LeFevre	Ford Middle School	7,8

**Describe details of the project**

Grant Number	684
<b>Campus/Student Information</b>	
Your campus:	Administration Building
Will other campus' be involved/impacted by this grant?	<input type="radio"/> No <input checked="" type="radio"/> Yes
Please select all campuses that will be involved/impacted by the grant.	<input type="checkbox"/> Curtis Middle School <input type="checkbox"/> Ereckson Middle School <input type="checkbox"/> Ford Middle School
Your grade(s):	7,8
Will other grades be involved/impacted?	<input type="radio"/> No <input type="radio"/> Yes

### 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.)

In the 17-18 school year a Makerspace initiative began with elementary pilot campuses. The new Lowery center as well as Allen high school are also adding Makerspace options to their libraries in the 18-19 school year. The middle school campuses have not had the opportunity to participate in this program and these materials would give them the opportunity to have the experiences that K-6 and 9-12 students are getting.

### 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 library media specialists at each middle school will house these materials for check out as well as library usage at their respective campus. The LMS's have received training and will continue to receive additional support that will allow them to create hands on TEKS based lessons for their students.

### Project Summary

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

With the increased availability of technology a culture of making is becoming very important to both businesses and institutions of higher education. In order to provide Allen students with opportunities to create and solve problems with their peers a Makerspace initiative begin at the elementary campuses. This project would allow the same experiences for the district middle school students.

### Allen ISD Goals/ TEKS

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

This project would allow students to gain experience with future ready skills.  
127.2B

(1) Career and technical education instruction provides content aligned with challenging academic standards and relevant technical knowledge and skills for students to further their education and succeed in current or emerging professions.

(2) Career development is a lifelong pursuit of answers to the questions: Who am I? Why am I here? What am I meant to do with my life? It is vital that students have a clear sense of direction for their career choice. Career planning is a critical step and is essential to success.

### Measurement

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

These items will be cataloged in the library system so that a digital record of checkout will be created. Teacher and student surveys will also be conducted after implementation to determine needs for the program going forward.

### Teaching Methods

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

Makerbased instruction allows students to develop problem solving skills as well as communication skills when they are given a task to complete with their group. Their will be an introduction to the assignment, students will complete a task and then they will be given the opportunity to present their results either in person or through a digital format.

### Timeline

What is the project timeline and the date of implementation?

After the items are ordered in the fall of 2018, they will be bar-coded. The library media specialists will meet and create a campus calendar for item usage. Teachers may then begin checking out materials for specific lessons or signing up to bring their class to the library to participate in the Makerspace. This should be implemented no later than the fall of the 2018 school year. These materials will allow the program to be sustained for multiple years.

## Curriculum/System Support

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

This project is the continuation of the district Makerspace program that began at the elementary campuses. The new Lowery center and the high school will have specific Makerspace sections in their libraries in the 18-19 school year. By providing materials to the 7th and 8th grade campuses these students will also get to experience this hands on learning.

Budget Details \*\* All awarded funds will be available by September of the next school year.

Budget Item	Item Type	Unit Cost	Quantity	Total Cost
makey makey	Instructional Supplies or Resources	49.99	6	449.91
k'nex 52 model building set	Instructional Supplies or Resources	39.99	9	359.91
Lego Classic creative brick box	Instructional Supplies or Resources	49.99	9	449.91

BUDGET TOTAL 1,259.73

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)
Abigail	Hobart	abigail.torreshobart@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 Melissa Kelly

Date 12/04/2017

## 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 grant request would go to great use and support the districts PreK-8 makerspace learning initiative.

## History and final disposition of application

State Change History

State Change \*\*\*\*\*  
 12/04/2017 10:03:43  
 Submitted

State Change \*\*\*\*\*  
 12/04/2017 11:03:00  
 Accepted

Grant Status

Grant Awarded  Yes



No

Award Amount