

## General Information

Grant Number	535
Project Title	Math Write and Wipe!
Please select the <b>MAIN</b> curriculum area your grant addresses.	Math
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	Sam
Email	sam_shuttleworth@allenisd.org
Last Name	Shuttleworth
Phone Number	972-562-1800
Campus	Olson Elementary
Main Subject	Other
Grade(s)	<input type="text" value="K"/>
I have co-applicants.	<input type="checkbox"/>
<b>Social Media</b>	
Please provide your work-related social media contact information.	
Facebook	
Twitter	@SShuttleworth11
Other (please specify)	

## Describe details of the project

Grant Number	535
<b>Campus/Student Information</b>	
Your campus:	Olson Elementary
Will other campus' be involved/impacted by this grant?	<input checked="" type="radio"/> No <input type="radio"/> Yes
Your grade(s):	K
Will other grades be involved/impacted?	<input checked="" type="radio"/> No <input type="radio"/> Yes
<b>Project Purpose</b>	
What is the problem, need, or opportunity that this grant will address? Explain <b>what students will know and be able to do</b> 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.)	
<p>To have students actively engaged in a lesson is what teachers strive for! These boards provide students to be a part of the lesson with a hands on math tool. The math white boards have numbers to 120 on one side and double ten frames on the back with a number line. Teachers will be able to use these double sided math white boards with whole group instruction, small group instruction, one-on-one assistance or during math workshop. Building number relationships is the foundation for number sense. Students will have the opportunity to show their number knowledge instantly and teachers will recognize quickly if they grasp the concept. Students love working on dry erase boards and mistakes can be made in a non-threatening way as they can be erased easily!</p>	
<b>Project Description</b>	

## Budget details

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.)

These write and wipe boards will be introduced and modeled to our students starting at the beginning of our number sense unit in September. Since there is a 120's chart on one side and double 10 frames on the back side the activities are endless. All the kindergarten students will be able to use these boards to write and identify numbers, recognize number patterns, practice counting forward and backwards, compose and decompose numbers on the ten frames and solve addition and subtraction problems. These boards will replace the typical pencil and paper worksheets and allows the teacher to do a quick check to assess the students grasp of a concept.

I have asked to purchase double the amount of markers to last throughout the school year. This grant could be \$279.56 for just one set of markers for each student or as I have requested \$439.16 for two sets of markers for all kindergarten students. We would monitor the usage of the markers so that we will be knowledgeable of what we will need for future years. If needed we could add these markers to our school supply list each fall.

### Project Summary

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

Double sided math write and wipe boards make practicing early math concepts easy. Students can work on counting, comparing numbers, composing and decomposing numbers, adding and subtracting and more!

### Allen ISD Goals/ TEKS

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

Math TEKS K.2(A,B,C,D,E,F,G,H,) Numbers and operations : understand how to show and represent whole numbers.  
Math TEKS K.3 (A,B,C) Solving problems using addition and subtraction.

### Measurement

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

Using these wipe off boards will give the teacher instant feedback of the students grasp of the number concepts. The results will give the teacher guidance in forming small group instruction, areas of whole group reteach and extension activities for the higher learners. The effectiveness of this project will be measured with our standardized mCLASS math assessment in the middle of the year (January, 2018) and at the end of the year (May, 2018).

### Teaching Methods

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

In a whole group setting, I would start with a few review questions and the students answer on their boards. When finished they turn their boards face down until I say " show me!" They will flip their boards for me to review. This will help me to assess readiness to move on or a need for reteach. As I introduce new lessons, I can ask questions to check for understanding with individual white board practice. I will be able to see if the students grasp the concept easily and we can move on, or slow down when they are struggling. In a small group setting, the boards will be used to target areas of reteach or extension activities for students that need to be challenged.

### Timeline

What is the project timeline and the date of implementation?

We will be able to use the write and wipe boards throughout the year starting as early as September with counting, reading and writing sets to 10 and spiraling through to April with addition and subtraction.

### Curriculum/System Support

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

This highly sustainable project enhances the Allen ISD curriculum by providing students with easily accessible tool to develop number sense and basic operation skills. In addition to supplementing the basic curriculum, these boards can be used to differentiate instruction. For example, individuals or small groups can receive extra support from the teacher and advanced math students can use them independently, in pairs, or in small groups to extend their 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
Lakeshore White math boards set of 30	Instructional Supplies or Resources	29.99	4	119.96
Lakeshore thin line markers set of 4 colors	Instructional Supplies or Resources	3.99	40	159.6
Lakeshore thin line markers set of 4	Instructional Supplies or Resources	3.99	40	159.6
BUDGET TOTAL		439.16		
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		
<b>Please provide the Name and Email of your PRINCIPAL. (Not your name)</b>		
First Name	Last Name	Email Address(Completed)
Amanda	Reyes	Amanda_Reyes@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	Sam Shuttleworth	
Date	03/13/2017	

### 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
The proposal of double-sided white boards used by our Kindergarteners to build number sense and computation skills is brilliant! We consistently discuss ways to improve math scores in the upper grades and time after time, the need for skills to be mastered in the younger grades is the cited as the key.

### History and final disposition of application

State Change History	
State Change	***** 03/13/2017 12:02:07 Submitted
State Change	***** 03/13/2017 13:00:01 Accepted
Grant Status	
Grant Awarded	<input type="radio"/> Yes <input type="radio"/> No
Award Amount	440