

General Information

Grant Number	888
Project Title	Hitting the Mark: Targeted Instruction in Math
Please select the MAIN curriculum area your grant addresses.	Math - Elementary
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	Jennifer
Email	jennifer.dingler@allenisd.org
Last Name	Dingler
Phone Number	972-727-0580
Campus	Reed Elementary
Main Subject	Math - Elementary
Grade(s)	<div style="border: 1px solid black; padding: 5px;"> 1 K 2 3 4 5 6 </div>
I have co-applicants.	<input type="checkbox"/>
Social Media	
Please provide your work-related social media contact information.	
Facebook	n/a
Twitter	@DinglerReedSSI @ReedSTEAMteam
Other (please specify)	n/a

Describe details of the project

Grant Number	888
Campus/Student Information	
Your campus:	Reed 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 checked="" 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.)	

Across our campus, many of our students are struggling with number sense, decimals, and fractions. The students need visual and concrete models to help learn and master these concepts. Many of our current models, learning games, and manipulative kits do not support the rigor of the current TEKS. We would like to purchase new materials that better reflect the rigor and engagement that our students need to be successful in math. The items selected will provide concrete and engaging ways for

students to practice these concepts. Students will be able to build numbers and models, as well as use games to work towards mastery. Students in all grade levels will benefit from the new supplies.

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 materials purchased with this grant will be used during our intervention blocks. We will use the materials to provide hands on learning experiences for primarily our Tier 2 and Tier 3 students; however, our goal is to use the manipulative kits to help all students progress towards mastery of their learning objectives. The materials will provide hands on learning opportunities for our tactile and visual learners. Being able to see, touch, and manipulate the models should help the students be able to create their own models on class assignments and state assessments.

Project Summary

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

Hitting the Mark: Targeted Instruction in Math will provide new math manipulative kits that correlate to specific learning needs on our campus. The materials will be used by our intervention team to provide targeted math instruction for our struggling students.

Allen ISD Goals/ TEKS

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

The resources purchased with this grant will cover Math TEKS for Number and Operations in grades K-6; Algebraic Reasoning in grades K-6; and Geometry and Measurement in grades 2-6. The new materials will help fulfill two of Allen ISD's district beliefs:

*We believe every child deserves the highest quality education.

*We hold ourselves accountable to every child who walks through the door.

Measurement

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

The effectiveness of the project will be measured through formative assessments and through progress monitoring. The intervention team will work classroom teachers to monitor progress in the classrooms as well.

Teaching Methods

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

The manipulative kits purchased will be used for small group and individualized instruction during our intervention blocks. With our current "push in" model for intervention, any student that struggles with number sense, fractions, or decimals will be able to receive intervention.

Timeline

What is the project timeline and the date of implementation?

We will purchase the materials in September and begin using them as soon as they arrive on our campus.

Curriculum/System Support

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

Many of the objectives in our current curriculum require students to represent the value of a number, or show their understanding through representations. The students on our campus are needing more experiences with manipulating numbers and seeing/creating models. By providing these experiences, we guiding our students to becoming more confident problem solvers and allowing our future eagles to soar in math.

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
Fraction Match Games- Grade 3, 4, 5	Instructional Supplies or Resources	29.95	3	89.85
Decimal Match Games- Grade 4-5; Grade 5-6	Instructional Supplies or Resources	29.95	2	59.9
Math-Fact-Oh! Fractions	Instructional Supplies or Resources	18.49	1	18.49
SmartPAL Sleeves- set of 10	Instructional Supplies or Resources	16.95	2	33.9
Place Value Match Games- Grade 2 and 3	Instructional Supplies or Resources	29.95	2	59.9
Ten Frame Match Games- Grades K-1, 1-2	Instructional Supplies or Resources	29.95	2	59.9
Time and Money Match Games- Grade 1 and 2	Instructional Supplies or Resources	29.95	2	59.9
Geometry Match Games- Grades 2-3, 3-4, 4-5	Instructional Supplies or Resources	29.95	3	89.85
Measurement Match Game: Grade 2-3	Instructional Supplies or Resources	29.95	1	29.95
Subitizing Match Games: Grades K-1	Instructional Supplies or Resources	29.95	1	29.95
Fraction Model Multipliers/ Decimal Model Multipliers	Instructional Supplies or Resources	14.95	2	29.9
Fraction Model Multiplier Activity Set	Instructional Supplies or Resources	24.95	1	24.95
Decimal Model Multiplier Activity Set	Instructional Supplies or Resources	24.95	1	24.95
Ten Frame Towers	Instructional Supplies or Resources	26.75	1	26.75
Build and Solve Fraction Circles Classroom Set: Grades 3-5	Instructional Supplies or Resources	94.95	1	94.95
Math Stacks Games (18 sets): Grades 1-2; 3-5, 6	Instructional Supplies or Resources	39.95	3	119.85
Math Match: Mixed Numbers	Instructional Supplies or Resources	8.95	1	8.95
Visual Area Modeler Multiplication/ Division Set	Instructional Supplies or Resources	35.95	1	35.95
Visual Area Modeler Boards- set of 2	Instructional Supplies or Resources	16.95	1	16.95
Bar Model- 6 sets of 84	Instructional Supplies or Resources	47.95	1	47.95

BUDGET TOTAL 962.74

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)

Susanne

Miller

catherine.miller@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 Jennifer Dingler

Date 02/02/2018

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

These kits would provide our students with additional learning experiences with manipulatives and 3D models in math. We know that students learn math concepts most effectively when they work with concrete models and visual representations, along with the necessary more abstract representations.

History and final disposition of application

State Change History

State Change *****
02/02/2018 11:26:44
Submitted

State Change *****
02/07/2018 14:21:32
Accepted

Grant Status

Grant Awarded Yes
 No

Award Amount