

Grant Number 1196

Project Title The Rods Have It!

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?)

 No Yes

Primary Contact Information

First Name Yareliss

Email yareliss.ferrill@allenisd.org

Confirm Email yareliss.ferrill@allenisd.org

Last Name Ferrill

Phone Number 972-236-9373

Campus Reed Elementary

Main Subject Math - Elementary

Grade(s) 3

I have co-applicants.

Social Media

Please provide your work-related social media contact information.

Facebook

Twitter

Other (please specify)

Additional Grant Applicants

	First Name	Last Name	Campus	Grade
Rhonda		Bernard	Reed Elementary	Coach
Angelica		Perin	Reed Elementary	3

Grant Number 1196

Campus/Student Information

Your campus: Reed Elementary

Will other campus' be involved/impacted by this grant?

 No Yes

Your grade(s): 3

Will other grades be involved/impacted? No
 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.)

Fractions in third grade math is a critical concept for 8 and 9 year-olds. Cuisenaire rods are a math manipulative that aids students in understanding and modeling numbers. By having access to cuisenaire rods, the students can interact with fraction concepts in a hands-on manner. The cuisenaire rods are also helpful in modeling other concepts that third graders are introduced to during the school year, such as, multiplication, division, strip diagrams, and problem solving.

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 cuisenaire rods and supplementary materials will be used with 3rd grade students during math instruction and intervention to concretely model math concepts. By using these math tools, students are able to concretely connect with the concepts and skills that they are learning. Students develop a deeper conceptual understanding of math concepts and improve their critical thinking and problem solving. The cuisenaire rods provide access to the math curriculum for all students, and provide opportunities for students who excel in math to learn concepts at higher levels. The cuisenaire rods can be shared with kindergarten through fifth graders during math instruction.

Project Summary

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

The Rods Have It!: Cuisenaire Rods will provide concrete experiences for third grade students to interact with math concepts in an engaging and challenging format. Through the use of Cuisenaire Rods all students will have access to learning and mastering third grade math skills and concepts.

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 align with Math TEKS addressing Number Representation and Relationships and Computational and Algebraic Relationships in grade 3. (3.3 F, 3.3 H, 3.5A, 3.5B)
 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 student scores on the fraction, multiplication and division TEKS during formative and summative classroom assessments, quarterly school assessments (TEKS Checks), district benchmark assessment, district STAAR simulation, and end of year 3rd Grade STAAR math assessment.

Teaching Methods

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

The Cuisenaire Rods purchased will be used for whole class, small group, tutoring and intervention instruction. All third grade students will use the rods, as well as any needed groups from kindergarten through fifth grades.

Timeline

What is the project timeline and the date of implementation?

We will purchase the materials in September and begin using them during the fall semester when we teach problem solving, multiplication and division. The kits will continue to be used during instruction, intervention block and tutoring throughout the remainder of the school year.

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 math concepts and problem situations. The students on our campus need more experiences with concrete materials, creating models and connecting those to abstract equations and algorithms. By providing these experiences, we will guide our students to become more confident problem solvers and mathematicians. Experiences with hands-on materials provides students with a strong mathematical foundation that sets students up for success in later grades. We want all of our students to feel successful in mathematics and be empowered by their mathematical abilities.

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

Budget Item	Item Type	Unit Cost	Quantity	Total Cost
Cuisenaire Rod Classroom Kits	Instructional Supplies or Resources	117.98	2	235.96
Math Tasks Cuisenaire Rods Book	Instructional Supplies or Resources	29.95	1	29.95

BUDGET TOTAL 265.91

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

Principal Approval Required

Please provide the Name and Email of your PRINCIPAL. (Not your name)

First Name	Last Name	Email Address <small>(Completed)</small>
Susanne	Miller	susanne.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 Yareliss Ferrill

Date 01/31/2019

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 math manipulatives will assist our students in learning fraction concepts, which is lower achievement area across several grade levels.

State Change History

State Change yareliss.ferrill@allenisd.org
01/31/2019 13:42:24
Submitted

State Change *****
01/31/2019 14:26:22
Accepted

Grant Status

Grant Awarded Yes
 No

Award Amount 266