



## Foundation For Allen Schools Grant Application

**Scholarship Fund Amount: \$0**

Application #: AP215792

Applicant First Name: Holly

Applicant Last Name: May

Applicant Email Address: holly.may@allenisd.org

Gender:

Cell Phone #:

High School:

Post Secondary School:

Application Status: Submitted

### Application Questions and Answer

Question	Answer
Preferred name/name that you go by:	Holly
Best phone number to reach you at:	+12102847669
Campus	Lindsey Elementary School
Grade(s)	3;2;1
I have co-applicants:	No
Please provide your work-related Facebook contact information.	
Please provide your work-related Twitter contact information.	@maymathscience
Name of Grant	Thinking OUT OF THE BOX - Lindsey
Please select the MAIN curriculum area your grant addresses.	Math – Elementary

Does your grant have a technology component?	No
Will other campuses be involved/impacted?	No
Will other grades be involved/impacted?	No
How many students will be involved in this grant?	200
Are there any additional funds available for this grant?	No
What is the problem, need or opportunity that this grant will address? Describe the impact of this project on your students.	<p>Our young mathematicians are in need of a strong foundation in fact fluency that will help them to be strong problem solvers. This foundation is often difficult to build without concrete visual images that the mathematician can house in his/her schema and draw upon for future use. We see that as students move from lower grades to upper grades they often have difficulty with fact fluency and are bogged down in this portion of the problem-solving process. By providing our students with a solution to this problem, we will build not only their fact fluency but also their confidence and competence as mathematicians!</p>
How will the project or program be implemented? Describe activities and tasks. Who is the target population and in what ways will they benefit?	<p>The Box of Facts will be used with first, second, and third grade students during math instruction and intervention to visually connect the basic fact strategies that students are learning. Box of Facts is a collection of ready-made visual aids to assist teachers in helping students to develop mathematics thinking strategies for basic facts in addition, subtraction, multiplication, and division. By using these visual aids with basic facts, students will be able to apply these same strategies when solving problems using larger numbers and develop a deeper conceptual understanding of math facts. In addition, students will improve their critical thinking and problem-solving. Box of Facts is an excellent tool for students who need support in learning facts, but it also provides an opportunity for students who excel in mathematics to enrich their learning. This is a tool for all learners.</p>
	<p>At Lindsey, we are THINKING OUT OF THE BOC of Facts! We want our students to</p>

<p>Provide a brief summary for use on the Foundation's website and social media.</p>	<p>experience visual cues that will attach meaning to their fact fluency and help them when applying these facts to problem-solving! Through the use of this amazing tool, all learners will be able increase their fact fluency!</p>
<p>Which Allen ISD goals/TEKS does this project support? Please provide 2 or 3 examples.</p>	<p>Box of Facts aligns with Math TEKS addressing Computations and Algebraic Relationships in grade 4. It also aligns with the AISD Math department belief statements of *empowers all learners; *grows from conceptual to procedural to fluency</p>
<p>What specific measurements will be used to evaluate the effectiveness of the project?</p>	<p>We will measure the effectiveness of the use of Box of Facts through student scores during formative and summative classroom assessments, district benchmark assessment, end of year assessments, and STAAR Math assessments.</p>
<p>What teaching methods will be used to implement this project?</p>	<p>The Box of Facts will be used for whole class, small group, tutoring, and intervention instruction. All first, second, and third grade teachers will have access to the materials and curriculum.</p>
<p>What is the project timeline and the date of implementation?</p>	<p>We will purchase the materials at the beginning of the 2020 school year and begin using them immediately. We plan to use these materials during instruction, intervention block, and tutoring throughout the entire school year.</p>
<p>Explain how this idea or project enhances/supports Allen ISD curriculum or existing systems.</p>	<p>It is one of our core beliefs that computational fluency grows through concrete and representational thinking. The visual images shown in this curriculum will allow our students the needed representational experiences that will allow them to bridge to more abstract algorithms and problem-solving. It is our belief that through the visual experiences, our students will develop a strong sense of understanding that they will carry with them across grade levels, allowing them to feel more confident and successful as mathematicians!</p>
<p>Total Grant Budget Requested:</p>	<p>592.00</p>
	

**Project Budget Set Number 1**

<b>Question</b>	<b>Answer</b>
Item Type	General Supplies
List item to be purchased under item category:	The Box of Facts
Unit Cost	197.33
Quantity	3
Total cost of items in this category:	592.00