



2013 - 14 Educational Grant Application
Deadline: Wednesday, March 20, 2013, by 4pm

Name of Grant: Evans Family Math Night

Name of person(s) submitted by: (if submitted by a team of teachers, grade level, etc. please list all names involved and select one individual to be the contact person for the grant.)

Robbie Lamkin, Connie Oberle, Sam Shuttleworth, Dana McCullagh, Katie Strong, Keri Laney, Liza Mastellar, and Leslie McGuire

Please contact Robbie Lamkin.

Campus/Department: Mary Evans Elementary **Grade Level(s):** All Grade Levels-Math

Total Dollar Amount Requested: ____\$1,000.00

Number of students who would be involved/impacted by grant: Approximately 875 students

Name of principal or immediate supervisor who will approve submission: **Pam Hale**

Project Purpose: What is the problem, need or opportunity that this grant will address? What is the **student need** which the project will address? The purpose should explain **what students will know and be able to do** as a result of this project. Please explain how a problem will be addressed or a situation improved because of the grant. **(200 words or less)**

Parents have expressed an interest in knowing how math concepts are taught at school, in order to provide more support at home. Family Math Night will provide the opportunity for parents to observe teachers and students model lessons and strategies. Families will have the opportunity to participate in numerous math stations. The stations will be designed to reinforce grade level objectives and provide a better understanding of the concepts students use throughout the year. Parents will be informed and empowered to support their students by using manipulatives, games, multiple strategies and problem solving skills.

Students are more likely to engage in “homework activities” that are memorable and fun. Playing these games with family members not only solidifies their learning, but provides the opportunity for parents to check in with their students and gauge how they are learning and progressing. Children will benefit from the home/school connection Family Math Night will provide as they model and learn with their parents. A night of family involvement will result in students leaving with a bag of games that will not only reinforce grade level objectives, but will help create a “math environment” at home. Activities will be designed to differentiate learning by providing basic level instruction, as well as moderate to advanced depth of knowledge and more rigorous learning.

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? **(200 words or less)**

Family Math Night will engage families in games and activities that they can carry home and play with their child. These activities will be centered on grade level objectives. Each family will visit numerous stations that address a math objective and use manipulatives with games that reinforce that objective. The families will be encouraged to play the math games with their child at the station. Students will be motivated to play with and “teach” their family members. Once the evening is concluded, each family

will receive an activity packet to be used throughout the year. New activities can be added to the packet as we progress through the year.

We will encourage participation by implementing a high level of student involvement. Students will help teachers model instruction, man stations, and provide extra support. Door prizes will be also be given away to those in attendance.

Math stations will be divided up into levels K-1, 2-3, 4-5, and 6. Teaching sessions will be repeated in order to accommodate siblings. Teacher demonstrations will also be uploaded onto the Evans website as a reference tool. This “flipped classroom” approach will also provide access to families unable to attend.

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Allen ISD Goals/TEKS: Which Allen ISD goals/TEKS does this project support? Limit to top two or three examples. **(50 words or less)**

All grade level math teachers have examined their Common Formative Assessments, benchmark, and STAAR data and identified multiple TEKS per grade level that need further reinforcement and practice.

Measurements: What specific measurements will be used to evaluate the effectiveness of the project? **(100 words or less)**

In order to evaluate the effectiveness of the project, a survey will be provided at the conclusion of Family Math Night. The survey will help identify areas of success and areas in need of improvement. Continued assessments by each of the teachers will be given to track the progress of math concepts. Common Formative Assessments, Benchmarks, and STAAR data will also indicate if skill areas related to targeted objectives have improved.

Teaching Methods: What teaching methods will be used to implement this project? **(100 words or less)**

Parents and students will experience the “Allen ISD” way of teaching. Teachers will present lessons using the lesson cycle model. Online lessons will be available to support the “flipped classroom” approach. In addition, Smartboard presentations and technology links will be available in the computer lab. Most importantly, parents will leave knowing how to reinforce basic skills as well as increase rigor. Examples of increased rigor and depth of knowledge implemented in our classrooms will empower parents with knowledge and examples of how to challenge their children at home.

Timeline for project: Funds will be available after September 1, 2013. **(50 words or less)**

September 2013 – April, 2014

Curriculum/System Support: Explain how this idea or project enhances/supports Allen ISD curriculum or existing systems. **(100 words or less)**

Family Math Night will be designed to provide students with engaging, rigorous and relevant instruction. It will also allow for differentiation for students. The district curriculum encourages higher level thinking. Parents will leave feeling informed and empowered in their ability to support us as we endeavor to increase depth of knowledge for all students. Teachers will be able to utilize purchased materials in the classroom throughout the year that will be valuable for fostering understanding and enhancements of concepts.

Additional Comments: Include any additional comments or information. **(100 words or less)**

Evans Elementary appreciates the support the Foundation provides for Allen ISD students and employees.

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Grant Budget: specific product numbers, vendor addresses, etc. **are not required** on this budget page. The name of the product or the type of training or estimated cost of transportation is sufficient.

***Please round numbers to the nearest dollar amount.**

Instructional Supplies or Resources: (Books, Manipulatives, etc.)	
Manipulatives, games, math mats, task cards, etc. for activities	840.00
	Total: \$840.00
Technology: (Software, License, etc.)	
	Total: \$
Staff Training / Staff Development:	
	Total: \$
Transportation:	
	Total: \$
Other Expenses:	
Door prizes (games, manipulatives, place value dice, dominoes, etc.)	160.00
	Total: \$160.00
TOTAL AMOUNT REQUESTED	\$1,000.00

Additional Funds: Are there any additional funds available for this grant? Campus or district funds? PTA funds? If you have or will be seeking funds from any other sources to help with this project, please explain.

Mrs. Hale has graciously agreed to pay for the cost of paper and card stock.