



**2012-13 Educational Grant Application**  
**Deadline: Wednesday, March 7, 2012, by 4pm**

**Name of Grant:** The Great Divide

**Name of person(s) submitted by:** Elizabeth Williams

**Campus/Department:** Chandler      **Grade Level(s):** ESL K-6

**Total Dollar Amount Requested:** \$485.66

Number of students who would be involved/impacted by grant: 95+

Name of principal or immediate supervisor who will approve submission: Cindy Blair

**Project Summary/Purpose:** Be specific. What is the **student need** which the project will address? The purpose should describe **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)**

The Great Divide will address an ESL students need to communicate through language barriers. The purpose of this project is to give ESL students access to the content of math through the use of manipulatives. As observed by David R. Wetzel "Math language acquisition takes place when lessons are presented in a meaningful manner, which are also understandable. The teaching strategies which are more meaningful for ESL students include concrete objects, graphics, manipulatives and math activities that clarify and reinforce concepts".

**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)**

As an ELL Facilitator, I will be able to share these resources with all teachers. Classroom teachers are now ESL certified, and I would love to be able to share resources that would help ESL students to be successful in math. I will be planning with teachers on a weekly basis math manipulatives and activities would be a great resource for the ESL students as well as other students within the class.

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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)**

The ELPS (English Language Proficiency Standards) are embedded within the TEKS in all grade levels and all content areas. For The Great Divide, specifically math TEKS for grades K-6<sup>th</sup> would be supported.

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

I think constant communication with classroom teachers on a weekly basis would help determine the effectiveness and allow for changes as necessary. I also believe that we would see an improvement with our ESL students as well as other students on tests such as the District benchmark, simulation, and STAAR exams.

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

I would work with classroom teachers to find different ways to utilize the math manipulatives in every day classroom life. Coming up with activities to use the manipulatives in cooperative groups would be very useful. Giving the students opportunities to learn math with hands on, real world experience is invaluable.

**Timeline for project:** Funds will be available after September 1, 2012. **(50 words or less)**

As soon as I receive the manipulatives I would be able to start meeting and planning with teachers on the best ways to utilize these materials. I will be meeting with teachers on a weekly basis so this will be a continual work in progress.

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

Many times ESL students will sit through a lesson only picking up bits and pieces. A lot of times they have a hard time grasping a math concept verbally. If ESL students, and really all students, had a plethora of math manipulatives available to them, then they would understand and retain the concept more effectively. I also have the opportunity to work with intervention groups on my campus (small groups of student whom struggle in math). These resources would be very helpful in the intervention environment as well.

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

Using math manipulatives everyday promotes active participation from all students. It motivates and engages them in the learning process and helps them to retain what they are being taught.

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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.**

<b>Instructional Supplies</b>	<b>Vendor / Supplier</b>	<b>Cost per Item</b>	<b>Total</b>
Cash Bash	Learning Resources	40	40
Place Value Rods Activity Set	Learning Resources	25	25
Math Marks the Spot Floor Game	Learning Resources	37	37
Dice Domes	Learning Resources	64	64
Factor Frenzy	Learning Resources	40	40
Soft Foam Polyhedral Dice	Learning Resources	20	20
Real World Folding Geometric Shapes	Learning Resources	37	37
Step By Step Measurement Mat	Learning Resources	24	24
Gallon Guy	Learning Resources	25	25
Math Equivalency Puzzles	Lakeshore	60	60
Math Intervention Teaching Center	Lakeshore	50	50
			+64.00 Shipping
<b>TOTAL AMOUNT REQUESTED</b>			<b>\$486.00</b>