



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

Name of Grant: Math Counts with MATHCOUNTS

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.)

Catherine Stolarski and Nancy Tallant

Campus/Department: Curtis Middle School/Math **Grade Level(s):** 6-8

Total Dollar Amount Requested:

Number of students who would be involved/impacted by grant: 50-60 +

Name of principal or immediate supervisor who will approve submission: Becky Kennedy

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)**

We need more students at a competitive level in the math and sciences in our country. Research reflects a critical need to engage middle school students in more math activities related to real life. Our goal is to build interest in competitive mathematics in grades 6-8 using the MATHCOUNTS program to provide students with a foundation to build on in high school and college in order to be competitive for future careers.

Our students will know how to effectively and efficiently solve challenging math problems and do so in a competitive way with the leadership of math teachers on campus and professional engineers throughout the nation. Students will become excited about math and have the ability to represent our district in competition.

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)**

Target Population: Mathematically focused 6-8 grade students

The program will be initially implemented on three campuses, Curtis, Cheatham and Marion. Our long term goal is to build the program to include all middle schools all elementary schools to create a competitive math basis for our students entering Allen High School. We have two sponsors at Curtis committed to working with the teachers at Cheatham and Marion to target students interested in being a part of the MATHCOUNTS program. Once students are identified the sponsors will provide practice materials for the students to work on and coach them through math strategies to solve difficult

problems. In addition, our middle school sponsors will have the 6th grade students who are not currently on middle school campuses join the 7th and 8th graders for practices via in person or Lync. Participants for the competition will be determined in January after holding a campus competition. Those students will go to UTA in January for a practice meet and then the final competition will be in February/March on the UTD campus. There is a National level of competition, but we want to start locally to build the program and then look into that later down the road.

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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)**

This project will support multiple math TEKS in grades 6-9, including Algebra and Geometry. This program will provide innovative approaches to math problem solving and will increase the higher level thinking abilities in our students. This program will increase the success of students receiving commended ratings on STAAR tests.

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

1. AISD MATHCOUNTS teams are successful at chapter competition.
2. 6-8 grade students are involved and engaged in mathematics.
3. Students' scores on standardized tests will increase.

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

Small Group and One-on-One instruction that is highly differentiated will be used. The focus will be on developing persistence and endurance in developing effective problem-solving strategies.

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

Potential MATHCOUNTS participants will be identified on or before October 1, 2013. The supplies will be used throughout the school year and the competitions are held in January and late February.

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

This program will support the current math curriculum in grades 6-9 as well as increase the rigor of instruction and performance. Since this is similar to UIL competitions we are hoping to work alongside that organization to create competitive teams.

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

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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.)	
Supplies: Paper Materials	\$65
	Total: \$
Technology: (Software, License, etc.)	
	Total: \$
Staff Training / Staff Development:	
	Total: \$
Transportation:	
Bus to practice competition at UTA in January.	\$551
Bus to and from UTD on competition day in February.	\$144
	Total: \$
Other Expenses:	
Competition Fee (@240 each)	\$720
	Total: \$ 720
TOTAL AMOUNT REQUESTED	\$1480.00

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.

Our long term plans are to fund this through our campus budgets. This will be our start up year to see what we will need to implement to be most successful. We are not seeking additional funds this year.