

MSMD 2017 Application \$10

*Make checks payable to DB Activities.

Email address used for communication about event only.

Name _____

Address _____

City _____ State _____

Phone Number(_____) _____

Email Address _____

School _____

Grade _____

Math Teacher's Name _____

Parent/Guardian Name _____

Emergency Phone(_____) _____

List any diet restrictions or allergies _____

Shirt Size (adult sizes only): circle one

S M L XL 2XL

Participate in pi contest? Yes No

Entry for calculator contest attached? Y N

- Registration begins promptly at 8:30am. The doors will not be open until then.
- Students should be dropped off and picked up at the cafeteria entrance at the back of the school. Look for signs.
- All participants must be pre-registered. Please no walk-ins.
- Registrations are accepted on a first-come first-served basis. So register early!
- Registrations and fees received after maximum capacity has been reached will be returned.
- Registration fees are non-refundable. Only students who attend will receive a t-shirt and be eligible for the door prizes.

Select Your Workshops:

Circle four (4) workshops from this list that you prefer to attend. You must choose exactly 4.

Card Towers	Math Doodling
Catapult Math	Origami
Cryptology	Paper Airplanes
Egg Drop Contest	Paper Football
Flexagons	Personalized Math
Game Show	Skyscrapers
Kaleidocycles	Wind Mobile
Marshmallow Math	

List up to 4 alternate choices (in case your first choices are full.)

1. _____
2. _____
3. _____
4. _____

Schedule

8:30-9:15 Registration
9:15-10:10 Workshop #1
10:15-11:10 Workshop #2
11:15-11:55 Lunch
12:00-12:55 Workshop #3
1:00-1:55 Workshop #4
2:00-2:30 Certificates and Door Prizes
2:30 All students may be picked up

Middle School Math Day



Saturday,
April 22, 2017
Dobyns-Bennett
High School
Kingsport, TN

Math is a big part of education. Have you ever wondered why or what you might use it for? If you want to see some applications for math in the real world and have fun while you're at it, then Middle School Math Day is just for you!

Dobyns-Bennett's Mu Alpha Theta is hosting a math workshop for students who are currently in 5th through 8th grades. Students can sign up for 4 workshops with choices on everything from code breaking to origami to paper airplanes. Lunch will be provided along with a chance to win some great door prizes (like a TI_84 calculator - *see note below the workshop descriptions)! All students who attend will receive a commemorative t-shirt.

Don't forget to prepare for this year's pi memorization contest! It's optional, but why not go for it? Prizes go to the top three people who can recite the most digits of pi from memory.

To be part of this exciting opportunity, complete the application in this brochure and **mail it to the address below** along with the \$10 fee by Tuesday, April 4. Make checks payable to "DB Activities."

Remember, the **deadline is Tuesday, April 4**. Space is limited, so send in your application early!

Mail Application to:

Julia Grecol
Mu Alpha Theta Sponsors
Dobyns Bennett High School
1800 Legion Drive
Kingsport, TN 37664
(423) 378-8400 jgrecol@k12k.com



Workshop Descriptions

Card Towers

Ever wonder how people build towers out of simple playing cards? Learn how to build them high and strong!

Catapult Math

Can you determine the correct angle and force required to hit the target? Make your own catapult and try it out!

Cryptology

Learn how to read and write real codes.

Egg Drop Contest

Your mission is to design a way to protect a raw egg from damage when it is dropped from a height using a variety of items found in any household. Then test your design to see if it works. A fun, if slightly messy, workshop.

Flexagons

Create your own paper puzzle that can hide your secrets and amaze your friends!

Game Show

Be a participant in our game show and win *fabulous* prizes!

Kaleidocycles

Like a kaleidoscope... without the scope...

Marshmallow Math

Build your own marshmallow shooter and test your aim by shooting miniature marshmallows at a target. Yum!

Math Doodling

If you have ever doodled on your paper in math class, this is a must do workshop! Come find out how to doodle mathematically!

Origami

Learn the Japanese art of folding paper.

Paper Airplanes

Fold your own paper airplanes and test fly them. Then test different methods to see how they compare.

Paper Football

Experiment with paper footballs and discover how to make one that is more accurate and can go further!

Personalized Math

Create unique designs based on the letters in your name.

Skyscrapers

See who can build the tallest structure using various everyday materials.

Wind Mobile

Design and test your own wind powered vehicle.

*New this year! Traditionally, the grand prize for attending has been a free TI-84 calculator to help get a student ready for high school math courses. This year, we want to make sure this calculator goes to someone who needs it and wants it! If you would like a chance to win, write a brief statement (handwritten legibly) of 30-50 words on why you would like to be the one to receive this calculator. All entries must be submitted with the application to be considered.