

University of Kentucky High School Mathematics Day
General Information

The Department of Mathematics and the College of Engineering will host a half-day of activities for high school students with an interest in mathematics. The day will feature presentations and activities by faculty and students that will introduce our guests to new and interesting mathematics.

There will be an optional, individual problem solving competition. The problems are not easy, but they will be accessible to students who have studied algebra and geometry and many will only require a good command of arithmetic. Prizes will be awarded to top individuals and schools.

The event is scheduled from 10:00am to 3:00pm on Saturday, 9 October 2010 on the University of Kentucky campus and will include pizza for lunch. Activities will take place in the Raymond Student Commons in the Ralph G. Anderson Building.

We request that individuals or schools pre-register students that will attend. There is no registration fee, but spaces are limited. Please return completed registration forms by Friday, 2 October 2010 to:

Russell Brown
Department of Mathematics
Patterson Office Tower 715
University of Kentucky
Lexington, KY 40506-0027

More information may be found at

<http://www.math.uky.edu/outreach/mathday/>

Please contact Russell Brown, russell.brown@uky.edu or +1 859 257 3951 for more information.

Tentative Schedule

10:00 am, CATS* problem solving competition, hands on activities, discussion with parents and teachers
11:00 am, Hands on activities, tour of engineering labs
12 noon, Pizza Lunch
12:45 pm, Hands on activities, Origami demonstration
1:45 pm, Faculty address: What do we do when we are doing math?
2:30 pm, wrap up and presentation of awards.

*CATS stands for CATS are top solvers

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Registration form

Students may register as individuals or as a school group. Please give the following information.

School Name:

Address:

City, State, Zip:

Teacher or parent:

Telephone:

e-mail address to confirm registration:

Teachers are invited to join their students for the day.

List participating students. Use the last column to indicate if the student will participate in the competition. Use additional pages, if necessary.

	Name	Grade	Male or female	Competition
1.				
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				