

To: High School Mathematics Team Advisors
From: NHTM and the PSU Mathematics Department

Re: **44**th Annual NH State High School Mathematics Contest

NHTM (New Hampshire Teachers of Mathematics), and the Plymouth State University Mathematics Department invite you to form one 10 member mathematics team with no more than four seniors and a maximum of eight juniors and seniors and to join us for our 44th annual competition this year on **Tuesday, March 15, 2016 at Plymouth State University** (with a snow date of Wednesday, March 16 - still at Plymouth State University). Your team will have the opportunity to meet with other students from throughout the state in a day of exciting, challenging, competitive mathematics exercises in six different categories.

The **Team category** involves all 10 members of the team separated into two groups of five. One of the four team category questions will require each group of five students working together to submit an expanded, detailed written response. That particular response will be judged on the style of solution, the coherence of the explanation and the organization of the correct solution. In other words, teams will need to present more than the correct answer to receive maximum credit for this question! A special group of judges will be responsible for scoring these papers. Each registered school will be assigned a code to be used for this category.

The remaining categories in the contest are **Recreational Mathematics, Algebra 1, Geometry, Algebra 2, and Advanced Mathematics**. Each of these 12-minute categories will consist of three questions of equal value taken by six members from each team. In these categories students work independently.

Any non-laptop type calculator allowed in the mathematics sections of the SATs and the College Board AP exams may be used in the contest. It is assumed that every participant will have a graphing calculator available to use in the contest. Please use the following link for reference: <http://sat.collegeboard.org/register/calculator-policy>

There will be four divisions of competition. See the registration page for division requirements. Use October 1st, 2015 as the official date for school enrollment figures. Please check this figure with school officials to avoid problems of being registered in an incorrect division. **ALSO PLEASE NOTE - the division enrollment figures have changed for 2015 based on NHIAA divisions, so please check carefully!**

The contest is scheduled to begin at 9:40 am and the awards ceremony at 1:00 pm.

Awards: Certificates of participation will be awarded to all schools. In each division there will be team awards, individual prizes to the highest scorers, and members of the first place team in each division will receive medallions. Certificates of achievement will be awarded to all those obtaining a perfect score in a category.

Don't delay! Register today for our **44th annual contest!**

Registration deadline: Friday, February 19, 2016

NEW IN 2016 - You may also fill out this registration form, scan it, and e-mail your registration! E-mail your registration as an attachment to: slatvis@windhamsd.org

Fees will be accepted after February 19th if it is not possible for a school to make the payment in time. However, the **registration form** must be postmarked or e-mailed as an attachment by February 19, 2016. Any registration forms received after that date will be assessed an extra \$10.00 fee.

If you have any questions about the contest, please feel free to e-mail the NHTM State Mathematics Coordinator, Stephen Latvis, at the following e-mail address: slatvis@windhamsd.org

44th Annual NHTM-USNH
State High School Mathematics Contest
Tuesday, March 15, 2016
(snow date: Wednesday, March 16)

Register your team now to compete with other New Hampshire teams on **Tuesday, March 15, 2016** at Plymouth State University! Four divisions of schools will participate this year in our 44th annual state mathematics contest. **Note that the enrollment data below has been UPDATED to reflect the division enrollments of the NHIAA**

<u>School Division</u>	<u>School (Grades 9-12)</u>
Small	less than or equal to 300 students
Medium	301 through 650 students
Intermediate	651 through 1225 students
Large	1226 or more students

Registration fee: \$50.00

Late registration fee (for postmark after February 19, 2016: \$60.00)

Make checks payable to: ***** NHTM ***** (Check must accompany POs, please.)

NEW IN 2016 – You may also fill out this registration form, scan it, and e-mail your registration! E-mail your registration as an attachment to: slatvis@windhamsd.org

Registration Form

44th annual State Mathematics Contest
Tuesday, March 15, 2016
(snow date: Wednesday, March 16)

School Name _____

League affiliation _____
(if applicable)

Address _____

City _____ **NH** **Zip** _____

School Phone _____

Advisor(s) _____ # of advisors accompanying team:

How late can you stay? _____

*****Official*** school enrollment, grades 9-12, as of October 1, 2015** _____

School Division (please circle): Small Medium Intermediate Large

Registration deadline: February 19, 2016

Checks payable to: ***** NHTM *****

Mail form and \$50.00 fee (late fee: \$60.00) to:

NHTM c/o Jeanine King, NHTM Treasurer

email: nhtmtreasurer@nhmathteachers.org

104 Choate Road

Enfield NH 03748-3403