

Summer Mathematics Institute
July 6th – 26th, 2014
Sponsored by the Texas Academy of Mathematics and Science
University of North Texas

To School Administrators: (Please feel free to make copies of the information included in this packet and distribute to interested students and parents.)

The Texas Academy of Mathematics and Science is offering a summer program for middle and high school students who are excited about learning and have excelled in mathematics. The Summer Mathematics Institute (SMI) allows talented students to advance their knowledge of mathematical skills in a self-paced educational environment. Participants enroll in a single class during the three-week program and have the opportunity to master one year of high-school mathematics. Participants may enroll in Algebra I, Algebra II, Geometry, or Precalculus. Students are pre-assessed at the beginning of the program to ensure that the student focuses on areas that have not been previously mastered. This environment facilitates friendships among bright young men and women who are equally passionate about learning. The dynamic faculty/staff are carefully selected to ensure that they possess the in-depth mathematical knowledge required to teach students of such caliber.

Students take a comprehensive final examination at the end of their class. This evaluation is scored and a final grade is given. A letter is sent to the parents of each student reporting the grades, evaluation, and our recommendations concerning the student's placement for the next fall. Each student's school system must decide whether to accept our evaluation of course mastery, whether to place the student in the class we recommend in the fall, and whether to grant high-school credit for courses completed in the summer. Texas Senate Bill 1 (1995) and, consequently, the Texas Education Agency authorize and encourage schools to award credit for content mastered by talented students prior to taking the course in school. This would include awarding credit for mastery of content from courses taken in accelerated summer programs for gifted and talented students such as SMI.

To accomplish the academic goals, classes meet daily Monday through Friday and on Saturday mornings. Students attend evening study/help sessions. We provide individualized evaluation and instruction that occur in individual, small, and large group arrangements. Class size is about 20 students. In addition to the instructor, each class is also assigned at least one teaching assistant (TA). TAs are outstanding students from the Texas Academy of Mathematics and Science (TAMS). We also provide our own specifically trained residence-hall counselors for non-academic supervision. The TAs also live in the hall with the students and provide further support. Male and female participants live on different wings or floors of a University of North Texas residence hall. Participants eat in a UNT dining room where a wide variety of foods are offered at each meal. After classes and on the weekends, participants engage in a variety of recreational activities. These include: swimming, team and individual sports, SMI sponsored excursions to the Dallas/Ft. Worth metroplex, movies, games, pizza parties, dances, a talent show, time alone, and much more!

Eligibility Requirements: Rising 7th -11th Grade Students; Must be at least 12 years old

Estimated Cost: \$2,250 (includes tuition, books, room and board, and recreational activities – if student is accepted a \$600 deposit will be due by May 13th)

Admission & Application Requirements: Completion of prerequisite courses for requested class, SMI application form, school transcript or most recent grade report, teacher recommendation form, and evidence of mathematics ability such as standardized test scores

We believe it is important for students who master course content at SMI not to repeat the same course in the fall. Parents should talk to their children's teachers and school administrators regarding the following information prior to application.

- Child's readiness for an accelerated program
- Child's ability to work/live independently away from parental guidance
- School's willingness to offer high-school credit for students who master Algebra I, Algebra II, Geometry, or Precalculus
- School's willingness to place the child in the next higher course in the course sequence should the student successfully complete our program.

All requested information must be sent in ONE ENVELOPE and must be received in our office by 5:00 pm by April 18, 2014. Information should be mailed to the following address:

Summer Mathematics Institute
Texas Academy of Mathematics and Science
1155 Union Circle, #305309
Denton, TX 76203-5017

Please contact Wendy Boyd-Brown at wendy.boyd-brown@unt.edu or Stacy May at stacy.may@unt.edu if you have questions.