



SMaRT CAMP 2012

The SMaRT (Summer Mathematics Research Training) Camp,

is a two-week program at Texas A&M University.

It is intended to facilitate interest in mathematics
of advanced High School Students.



SMaRT

High School Summer Camp 2012

Camp Date:

June 10 – June 23, 2012

Application deadline:

March 31st, 2012

*Review of applications starts
March 2, 2012 and continues
until the program is filled.*

Support:

*Room and board will be covered for
accepted participants.*

Information about SMaRT, visit:

www.math.tamu.edu/outreach/SMaRT

Questions?

E-mail: camp@math.tamu.edu

Sponsored by:
National Science Foundation
TAMU Department of Mathematics



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Texas A&M University
Department of Mathematics

Eligibility

- High School Students
- Ages 14-18

- U.S.A. citizenship or permanent residency is required.
- Students from underrepresented groups are highly encouraged to apply.

Structure of Program

Morning lectures will introduce students to a variety of interrelated topics of number theory, algebra, combinatorics, and their applications. Most of the technical work will be done by students, under counselors' guidance, when solving the daily sets of problems. Problem sessions and guest lectures will be given in the afternoon. Group meetings will be held in each student group. Guest lectures by the TAMU faculty will be of expository nature and will address a variety of topics from mathematics and its applications.

Capacity

This year, up to 20 new and smaller number of returning students will be admitted, as well as up to six undergraduate counselors. Each counselor will be assigned to a group of five students. Some of the returning students will serve as junior counselors.

Topics

The main topics for new students will revolve around number theory, combinatorics, and algebra. Some important applications will also be addressed. The more advanced topic "Combinatorial Geometry" will be offered to the returning students.



Contacts

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