

SMaRT CAMP 2009

The SMaRT (Summer Mathematics Research Training) Camp,
is a new 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
2009**

Camp Date:

June 14 – June 27

Application deadline:

April 15, 2009

*Review of applications starts
March 2, 2009 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/Camp

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**

SMaRT Camp 2009

SUMMER MATHEMATICS RESEARCH TRAINING
FOR HIGH SCHOOL STUDENTS

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 in the evening. 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 first year of the program, 20 students will be admitted, as well as four counselors (undergraduate students). Each counselor will be assigned to a group of five students. Starting the second year of the camp, returning students will be encouraged to re-apply.

Topics

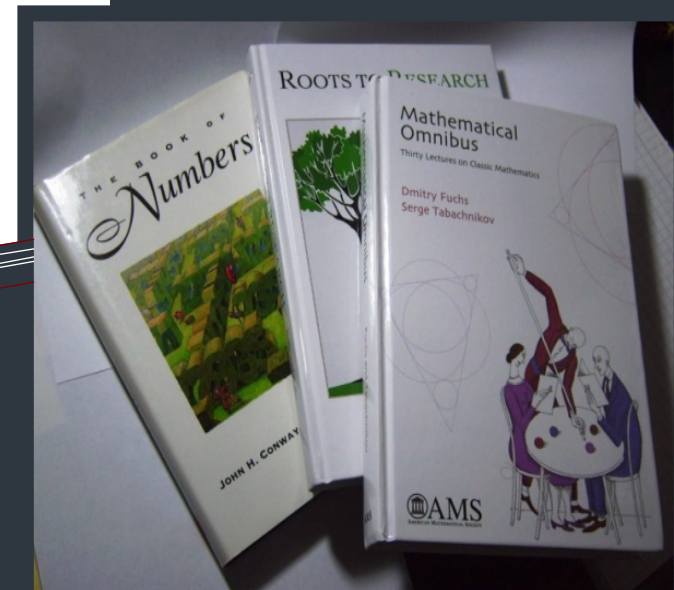
The main topics will revolve around number theory, combinatorics, and algebra. Some important applications will also be addressed. In the following years, a variety of advanced topics will be offered to the returning students.



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