

# ***GRIZZLY SUMMER SCHOOL 2008***

## **ThunderRidge Academy of Accelerated\* Math & Science (TAAMS)**

June 2 – June 27 (7:30– 3:45 M - F)

This camp is open to freshman and sophomore students who want to pursue in-depth studies in math or science during their high school years (must meet the entry grade criteria).

Students have an opportunity to earn 2 high school credits toward graduation: Algebra I, Algebra II or Geometry 1.0 and Physical Science – 1.0

*Purpose:* To establish a firm mathematics and science foundation that will allow students to complete some of their required courses during summer, enabling them to take advanced level courses in math and science during their high school years.

- Algebra I is open to any incoming freshman student who demonstrate strong work habits and completed 8th grade math with an A or B in both semesters.
- Algebra II is open to any incoming freshman or sophomore students who demonstrate strong work habits and completed Algebra I and Geometry with an A or B in all semesters.
- Geometry is open is open to freshman or sophomore students who had an A or B in Algebra I and demonstrate strong work habits.
- This will allow more students to take Calculus BC, AP Physics, and on-line advanced courses during their high school years.
- Physical Science is open to any student who completed 8<sup>th</sup> grade science with a B or better. Academy Accelerated Physical Science will prepare students for Honors Biology during their 9<sup>th</sup> grade year, increasing access to Advanced Placement science courses.

*It is the intent of this program:*

- to offer 2<sup>nd</sup> year TAAMS students an opportunity to complete community service hours by acting as tutors during the morning session and to participate in summer internships with major corporations and at universities during the afternoon.
- By their senior year, students who completed the TAAMS will be eligible to enroll in an internship program for a “hands-on” experience in math or science.
  - This experience will enhance their college application, preparing them for admission to top-level universities, as well as contribute to their Senior Project.

*Cost:*

- Two full credits: Algebra I, Algebra II or Geometry (1.0) and Physical Science (1.0)
  - \$900 – TRHS/DCSD students for 2 credits (\$1,000 after May 15)
  - \$1,000 – non DCSD students (\$1,100 after May 15)
- One credit - Algebra I, Algebra II, Geometry or Physical Science
  - \$ 450 - TRHS students & DCSD students (\$500 after May 15)
  - \$ 500 - non-DCSD students (\$550 after May 15)

*Schedule:*

7:30 – 12:10 - Physical Science

12:10 – 12:40 - lunch break

12:40 – 3:45 - Algebra I, Algebra II or Geometry (Geometry will be through eDCSD online)

\*Accelerated means to prepare students for the content, skills, and habits of mind needed to be ready for honors level courses during Freshmen and Sophomore year and advanced placement courses during high school.

# **ThunderRidge Essential Skills for Success (TESS) Program**

July 7 – August 1

This intervention program is designed for incoming 9th graders who lack the pre-requisite skills to be successful in high school. This includes students who have failed or received a D in one or more middle school courses, have demonstrated partially-proficient or below in work habits, or who are non-proficient or partially proficient on CSAP or standards.

Students will receive specific strategies and content to support success in math and reading/writing. Through Freshmen Connection students will also receive instruction in work habits, organization and time management skills, note-taking, test taking, and study strategies that are essential in high school. High school credit will not be earned for Intervention Program classes.

Math and Study Skills	8:00 – 10:00
Freshmen connection	10:00 – 11:00
Cost:	\$150.00

AND/OR

Freshmen connection	11:00 – 12:00
Reading/Writing and Study Skills	12:00 - 2:00
Cost:	\$150.00

Students may enroll in both Math & Reading/Writing sessions and use one of the Freshmen Connection times for their lunch hour. The cost for both sessions is \$300.00

# **TRHS Traditional Summer School**

June 2 – June 27      July 7 – August 1      (3+ hours for 20 days = 61 hours)

Purpose: To allow students to re-take classes failed during regular school session or accelerate classes in order to pursue interests.

## **CLASSROOM INSTRUCTION\***

### FIRST SESSION (June 2 – June 27)

Geometry – 1st semester	7:00 – 10:05 am
Algebra I – 1st semester	11:00 – 2:05 pm
Physical Science – 1st and 2nd semester	12:45 – 3:45 pm

### SECOND SESSION (July 7 – August 1)

Geometry-2nd semester	7:00 – 10:05 am
Algebra I-2nd semester	11:00 – 2:05 pm

\*Classes require enrollment of 15 students. If less than 15 students enroll, classes may be put into Nova Net and class start times may change. Every effort will be made to honor course requests.

## **NOVA NET COURSES:**

### First Session and/or Second Session

Nova Net sessions are limited to 30 students. After this limit is reached, students may enroll in a different session (A, B or C) or they may choose to go to a June or July time slot.

### FIRST SESSION (June 2 – June 27)

Session A:	7:00 – 10:05	English – Social Studies	30 students
Session B:	10:15 – 1:20	Math - Science	30 students
Session C:	1:30 – 4:35	Any course	30 students

SECOND SESSION (July 7 – August 1)

Session D:	7:00 – 10:05	English – Social Studies	30 students
Session E:	10:15 – 1:20	Math - Science	30 students
Session F:	1:30 – 4:35	Any course	30 students

***Course Offerings:***

Session A & D: 7:00 – 10:05 (maximum of 30 registrants)

English 9A, 9B, 10A, 10B, 11A, 11B, 12A & 12B

United States History 9A & 9B

World History-Ancient Civilization 10A & 10B

Modern World History 11A & 11B

World Geography

Psychology

Sociology

U.S. Government

Economics

ACT or SAT preparation – no credit

Session B & E: 10:15 – 1:20 (maximum of 30 registrants)

Algebra I – 2<sup>nd</sup> semester

Algebra II

Geometry – 2<sup>nd</sup> semester

Pre-Calculus

Calculus – 1<sup>st</sup> or 2<sup>nd</sup> semester

Biology -1<sup>st</sup> or 2<sup>nd</sup> semester

Earth Science

Health

ACT or SAT preparation – no credit

Session C & F: 1:30 – 4:35 (maximum of 30 registrants)

Session C & F available only after Session A/D & B/E are filled

English 9A, 9B, 10A, 10B, 11A, 11B, 12A & 12B

United States History 9A & 9B

World History-Ancient Civilization 10A & 10B

Modern World History 11A & 11B

World Geography

Psychology

Sociology

U. S. Government

Economics

Algebra I – 2<sup>nd</sup> semester

Algebra II

Geometry – 2<sup>nd</sup> semester

Pre-Calculus

Calculus – 1<sup>st</sup> or 2<sup>nd</sup> semester

Biology -1<sup>st</sup> or 2<sup>nd</sup> semester

Health

ACT or SAT preparation – no credit