

College Bound

Math Summer Enrichment
17316 Edwards Road, Suite 180
Cerritos, CA 90703
(562) 407-2127 TEL (562) 407-2131 FAX

➤ THE FUNDAMENTALS & MORE

Registration: 1001
12 classes \$300

Full of exciting games, competitions, and activities, this class will give students the confidence to conquer fractions, decimals, and percents. Students will begin the school year with confidence and no longer be intimidated by challenging math problems. This class will engage students in strategies for success in Pre-Algebra, and they will always associate the fundamentals with "fun".

Dates: July 12 – July 29 (Mon – Thurs)

Time: 9:00 am - 12:00 pm

Location: Pomona College

Grade Level: 5th – 6th

Prerequisite: None

➤ PACE TO ACE ALGEBRA

Registration #: 1002
12 classes \$300

Someone once said, "as long as algebra is taught in school, there will be prayer in school." In *Pace to Ace Algebra* our teachers will help students to overcome concepts that traditionally pose a challenge to students. Once students complete *Pace to Ace Algebra* they will have discovered amazing ways to succeed in Algebra 1 and developed a great appreciation for the power of math.

Dates: July 12 – July 29 (Mon – Thurs)

Time: 9:00 am - 12:00 pm

Location: Pomona College

Grade Level: 7th – 9th

Prerequisite: Pre-Algebra

➤ GEOMETRIC FOUNDATIONS

Registration #: 1003
12 classes \$300

This course will make geometry come alive! Students will collaborate to work on projects and activities involving angle measures, the golden ratio, and lines. The *Geometric Foundation's* class will address reasoning for proofs, theorems, and postulates will allow students to make connections between the theoretical and the application. The class will also feature topics such as proving triangles are congruent, right triangles, and trigonometric ratios.

Dates: July 12 – July 29 (Mon – Thurs)

Time: 9:00 am - 12:00 pm

Location: Pomona College

Grade Level: 8th – 10th

Prerequisite: Algebra I

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➤ ALGEBRA II

Registration #: 1004

12 classes \$300

This course expands on the concepts of Algebra I and provides further development on the concept of functions. Students will move from solving systems of Linear Equations to solving systems in three variables using matrices, solving quadratic equations to quadratic systems, and simplifying rational numbers to complex rational numbers. This class will empower students to begin the year with confidence in Algebra II.

Dates: July 12 – July 29 (Mon – Thurs)

Time: 9:00 am - 12:00 pm

Location: Pomona College

Grade Level: 9th – 11th

Prerequisite: Geometry

➤ CONQUERING MATH ANALYSIS / TRIG / PRE-CALCULUS

Registration #: 1005

12 classes \$300

Trigonometry is one of the most challenging high school courses. Students are required to utilize both computation and conceptual skills. Using real-life examples, graphing calculators, and activities, students will develop the skills necessary to understand trigonometric functions, equations, degree measures, formulas and applications.

Dates: July 12 – July 29 (Mon – Thurs)

Time: 9:00 am - 12:00 pm

Location: Pomona College

Grade Level: 10th – 12th

Prerequisite: Algebra II
