

4044 Quakerbridge Road
Lawrenceville,
NJ 08619-1007

www.quaker-bridge.org

Phone: 609-588-4442

Cell/Text: 609-933-8806

Email: qlc4044@quaker-bridge.com

Education, Enlightenment, and Excellence

Quakerbridge

Computer & Learning Service

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2026 Summer/Fall Academic Program

Option II Courses

Get Ahead. Join other bright, hardworking students

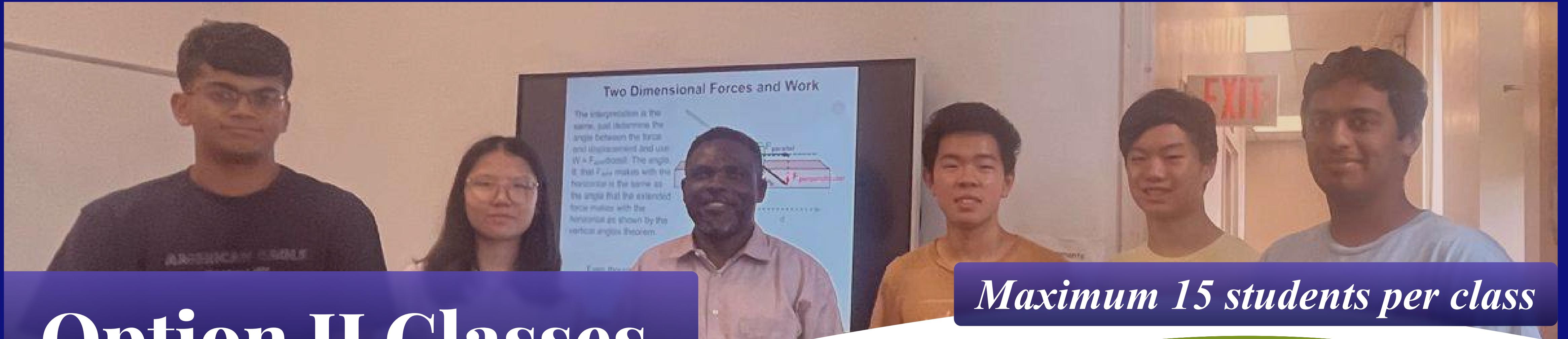
- High School Algebra I
- High School Algebra II
- High School Geometry
- High School Pre-Calculus
- Intro. to Computer Science with Java*
- Honors Chemistry
- Honors Physics
- Honors Biology

***(Java Course is a 12 weeks program. 5/16 - 6/21 online. 6/22 - 8/3 in person.)**

**Popular Combo Courses

- Algebra Math Preview
- Python & Java
- Creative Writing
- AP Calculus AB/BC Preview
- One-on-one Tutoring
- Grammar & Composition
- College Essay & Counseling
- Summer Reading Adventure
- SAT, ACT, SSAT Preparation
- ****Ignite your curiosity this summer**

Returning students, early bird and sibling discount coupons included



Option II Classes

Teachers will provide extra help after class in small groups twice per week; there are scheduled assessments and exams every week (on weekend) for all option II courses.

Mathematics

College Prep./Honors Advanced Algebra II

Students study advanced algebraic concepts and functions, both exponential and logarithmic. They also learn non-linear equations, conics, matrices and determinants.

Textbook: Big Ideas Math Algebra 2, Ron Larson and Laurie Boswell, ISBN: 9781608408405

College Prep./Honors Geometry

Students learn the logical thought process required for developing geometric proofs and drawing appropriate conclusions. They examine concepts of congruence, similarity, and transformation as well as angle and line relationships.

Textbook: Geometry, McDougal Littell, ISBN: 0866099654; Houghton Mifflin, ISBN: 0544385810

College Prep./Honors Pre-Calculus

Students study trigonometry, inverse functions, selected analytic geometry, probability, and basic concepts of differential and integral functions.

Textbook: Precalculus with Limits, Larson/Hostetler, ISBN: 9780547219929 Advanced Mathematics; Precalculus with Discrete Mathematics and Data Analysis, Houghton Mifflin, ISBN: 0395551897

Maximum 15 students per class

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hard working students**

Science

Honors Biology

Students focus on the structure and function of a cell, sources of energy, genetics, evolution, and fundamental life processes.

Textbook: Biology Concepts and Applications by Cecie Starr, ISBN: 0-534-46223-5

Honors Chemistry (175 Hours)

Students study the qualities of matter, the behavior of electrons and waves, chemical bonding and reactions. There will be hands-on lab activities.

Textbook: Chemistry by Prentice Hall, ISBN: 0-13-115262-9

Honors Physics

Students study the qualities of matter, the behavior of electrons and waves, chemical bonding and reactions. There will be hands-on lab activities.

Textbook: Chemistry by Prentice Hall, ISBN: 0-13-115262-9

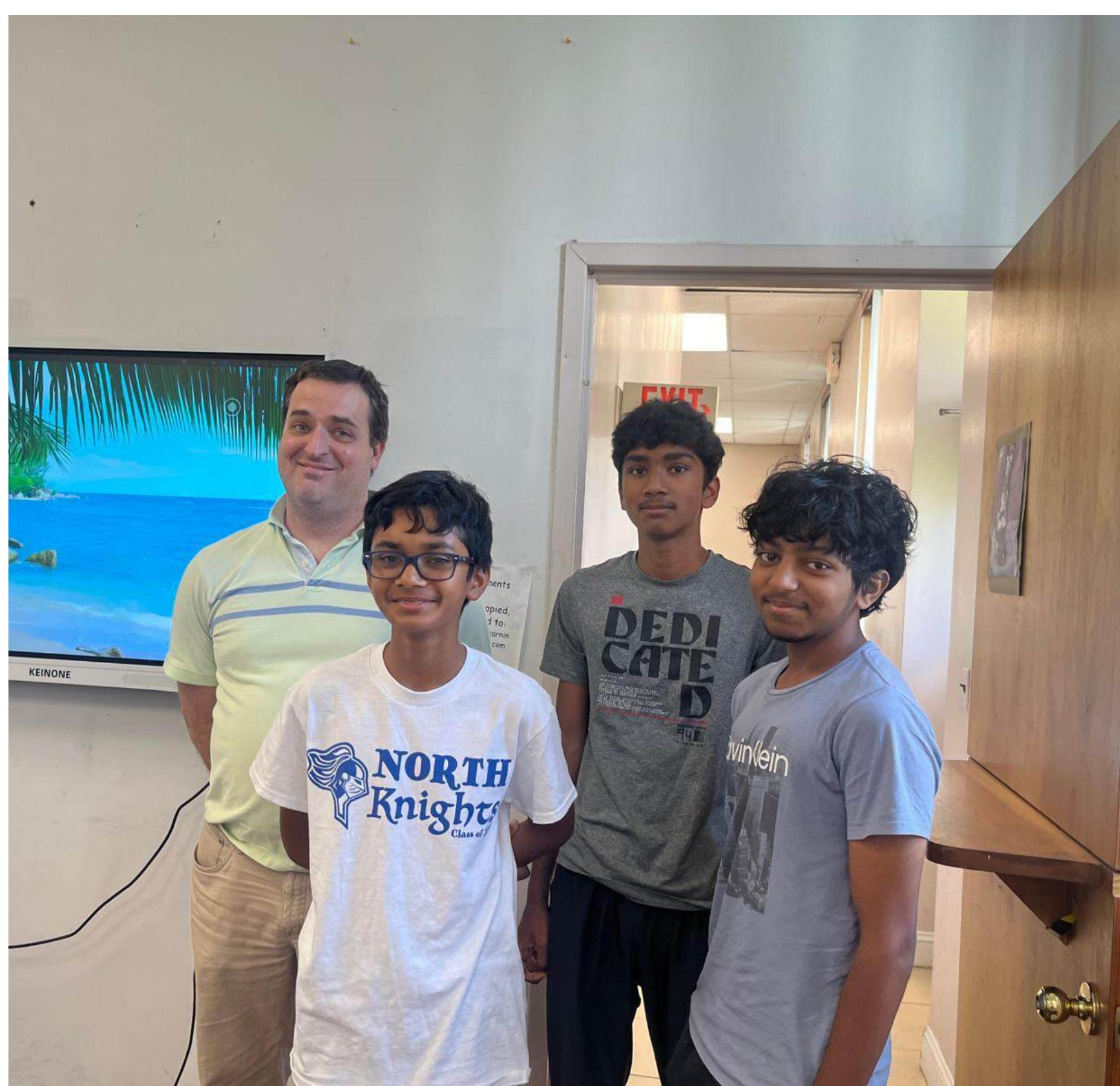
Computer Science

Introduction to Computer Science with Java

Students will learn the basics of computer science. The course is designed to introduce students to the foundational concepts of the fields of computing and technology, and how these fields can impact the world.

Textbook: Starting Out With Java: Early Objects, by Tony Gaddis and online resources

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Level Up Now

Unlock Your Potential

Enhance your child's summer with two enriching course combinations! Our programs are designed to provide a preview of upcoming school material, ensuring your child is prepared and confident for the new academic year. Invest in their future today—quality education matters!

Pick 2 Combo Classes

- (A) Python Zero to Hero**
- (B) Java Programming Preview**
- (C) Middle School Read to Succeed**
- (D) Creative Writing**
- (E) Pre-Algebra Genius**
- (F) Algebra I Essentials**
- (G) Algebra II Explained**
- (H) High School Geometry Preview**
- (I) AP Calculus AB Catalyst**
- (J) AP Calculus BC Exploration**
- (K) Bioscience Discovery**
- (L) Physics Phenomena**
- (M) Second Language Enrichment**

SAT/ACT

Maximum 10 students per class

SSAT/ISEE

Students will learn the format of the SSAT and ISEE, review the verbal and math skills required for each test, and check their progress with practice tests.

Textbook: McGraw-Hill's SSAT/ISEE

SAT/PSAT/ACT

Students will review the verbal and math skills needed for the test.

Textbook: College Board, Barron's, Princeton Review

