Maximum 15 students per class

Option II Classes

Teachers will provide extra help after class in small groups twice per week; there are scheduled assessments and exams every 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

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

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

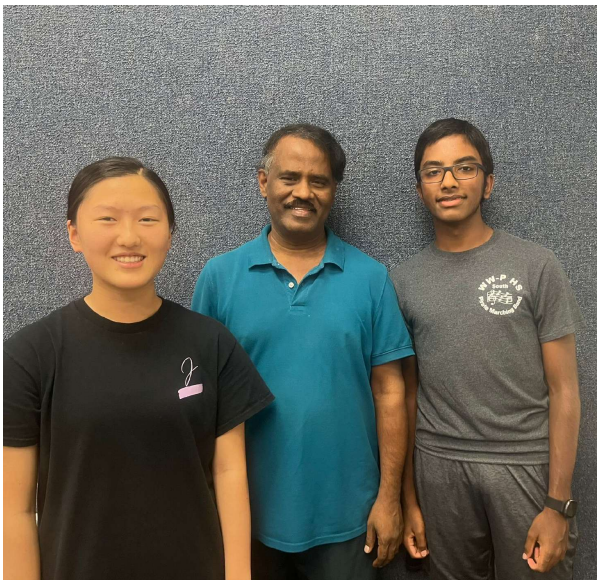
Students study the qualities of matter, the behavior of electrons and waves, chemical bonding and reactions. There will be hands-on lab activities.
Textbook: Chemistry by Prentice Hall, ISBN: 0-13-115262-9

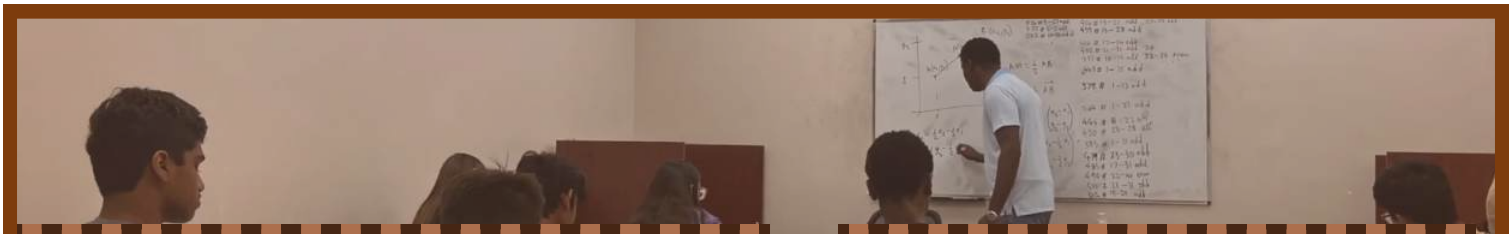
Computer Science

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

*Java Course is a 12 weeks program.
5/13 - 6/23 weekend online. 6/24 - 8/2 in person.





One-on-Four Small Group Three Week Program

Schedule A (06/24 to 07/12)
Schedule B (07/15 to 08/02)

Three Weeks of Small Group Reading and Grammar

At our learning center, we offer a three-week reading program that will boost your child's literacy and confidence. Our program features a low teacher-student ratio of one to four, ensuring that each child receives personalized feedback and guidance. Summer is the ideal time to enroll in our program and prevent your child from falling behind in school.

Three weeks of Small Math Group

Center provides a three-week math program that will enhance your child's concept and problem-solving skills. Our program features a low teacher-student ratio of one to four, allowing for intensive and individualized instruction. Summer is the perfect time to join our program and prepare your child for the next grade level.

3 Weeks Preview Courses

Read to Succeed

This program aims to boost students' summer reading skills through four books, focusing comprehension through group discussions and activities.

Summer Reading Adventure

This program offers a thrilling three-week reading adventure where students read four books and engage in fun activities and challenges tied to each book.

Summer Book Club

Tailored for book lovers, this program includes reading four books and joining weekly book club meetings for discussions and shared insights.

Pre-Algebra Fundamentals

This program is ideal for students to refresh their Pre-Algebra skills before the school year. Through individual and group activities, this course covers ratios, proportions, equations, inequalities, and functions.

Algebra I Essentials

Enhance Algebra I skills in 12 concise lessons covering equations, functions, systems, inequalities, exponents, and polynomials through engaging videos, exercises, quizzes, and projects.

Algebra II Explained

Students will delve into Algebra II by exploring equations, functions, graphs, and diverse expressions like polynomials, complex numbers, exponentials, logarithms, trigonometry, and rationals.

High School Geometry Preview

This course helps students understand Pre-Calculus effortlessly by covering equations, functions, trigonometry, graphs, complex numbers, and rationals.

Pre-Calculus Made Easy

This course helps students understand Pre-Calculus effortlessly by covering equations, functions, trigonometry, graphs, complex numbers, and rationals.

High School Calculus AB Preview

Apply limits to define definite integrals and how the Fundamental Theorem connects integration and differentiation.Topics may include: Using definite integrals to determine accumulated change over an interval.
Textbook: AB Calculus for the AP, Third Edition, Sullivan, Miranda, 2020, Bedford, Freeman and Worth

Python Zero to Hero

Become a Python pro swiftly in this dynamic course. Learn fundamental Python concepts, apply them to real-world problems, and master using modules/libraries for enhanced coding abilities.

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