

RHHS Mathematics Department Staff

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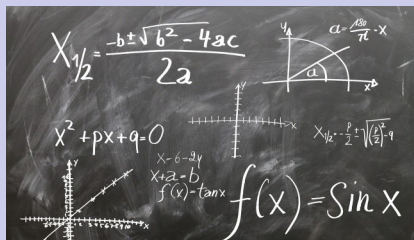
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Rocky Hill Mathematics

K-12 District Coordinator



At Rocky Hill High School, the teachers in the mathematics department aim to develop a strong mathematical foundation that students can use across the RHHS curriculum as well as with practical, real-life applications.

We take pride in cultivating a deep interest in the valuable and interesting relationships that exist in the world of numbers. Our goal is to provide all students the opportunity to reach their intellectual potential through hard work, and to instill lifelong confidence in mathematics.

Please feel free to contact me with any questions or concerns. I look forward to working with your child.

Sincerely,

Brian Graca, Ed.D.
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Rocky Hill High School Mathematics



Program Supervisor:
Brian Graca, Ed.D.

The **RHHS Program of Studies** is linked below and details all of the courses offered by the mathematics department. Page 54 illustrates three typical course sequences.



SAT Preparation for Math (and English) is available to juniors as an elective and typically has excellent enrollment.

The **RHHS Math Team** is a competitive team in which motivated students showcase their advanced mathematical skill set and compete against other local schools. RHHS is currently ranked 2nd out of 23 local schools, and has been the top public small school in Connecticut for the last two years. Below are 2023-2024 *live* league results:



Typical Freshman Courses

Algebra I (Level 3):

This class is best suited for students who would benefit from a slower pace to master the algebraic concepts necessary for success at higher grade levels and college. Virtually all of the same concepts covered in Level 2 are taught in this class, but at a more conservative pace. Students are expected to complete homework on a daily basis, and to develop the skill set necessary to succeed in Geometry, Algebra II, and beyond.

Algebra I (Level 2):

This class is best suited for students who are mastering mathematics at grade level. These students usually plan to enroll in four-year universities that have quantitative requirements for graduation. Students are expected to bring skills learned from this class to the table for Algebra II, and are typically prepared to finish Precalculus before graduating from RHHS.

Geometry (Level 1 or 2)

This class is best suited for students who have completed Algebra I in middle school (Level 1 students are often on the honors sequence for other subjects as well.) Freshman who enroll in geometry can expect daily homework which is aggressive and designed to provide the foundation necessary for success in higher levels of mathematics, including AP Calculus and AP Statistics. Teachers often tailor lessons and assessments to reflect the style of the SAT and acclimate students to the test. Students should prepare for challenging assessments and are expected to have excellent attendance throughout the year.

