

New Jersey Department of Education Mathematics Requirement

Students must complete three years of mathematics courses including Algebra, Geometry, and a third year of an Algebra/Geometry-based math course.

MATHEMATICS COURSE SEQUENCE

| <u>9th Grade</u> | <u>10th Grade</u> | <u>11th Grade</u> | <u>12th Grade</u> |
|--|-----------------------|--|--|
| PreAlgebra | Algebra 1 (CP/Honors) | Geometry (CP/Honors) & Ready Prep Go | Algebra 2 (CP/Honors) OR Practical Algebra |
| Algebra 1 (CP/Honors) | Geometry (CP/Honors) | Algebra 2 (CP/Honors) OR Practical Algebra | Precalculus (CP/Honors/AP) Trigonometry Practical Algebra AP Statistics Quantitative Reasoning |
| Geometry(CP/Honors) *Must have completed Algebra 1 in 8th grade | Algebra 2 (CP/Honors) | Practical Algebra Precalculus (CP/Honors/AP) Quantitative Reasoning AP Statistics | AP Calculus AP Statistics Advanced Algebra Quantitative Reasoning |

****All juniors will take a semester of Ready, Prep, Go as a test preparation course for NJGPA, SAT, and/or Accuplacer. One marking period focuses on ELA content and another marking period focuses on Math content.****

MATHEMATICS CONCURRENT COURSES



Concurrent courses allow students to earn college credits through Raritan Valley Community College (RVCC). Students must meet the criteria set by RVCC to earn the college credits but can still take the course if they aren't earning college credits.

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|------------------------|-----------|
| Precalculus Honors | 6 Credits |
| Quantitative Reasoning | 3 Credits |

MATHEMATICS ACADEMIC SUPPORT: SENIORS ONLY

Students must meet specific assessment scores to graduate high school. Starting with the class of 2023, students must pass the New Jersey Graduation Proficiency Assessment. If students do not have a passing score, they will be assigned a senior-level academic support class that will require students to complete a portfolio appeal process in order to graduate.