



NORTHPORT-EAST NORTHPORT UNION FREE SCHOOL DISTRICT

DEPARTMENT OF MATHEMATICS

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Northport, New York
Phone: (631) 262-6691

Robin Rann
District Chairperson
Mathematics

May 6, 2015

Dear Parent/Guardian:

We have recently initiated the mathematics scheduling process for the 2015-2016 academic year. In eighth grade, students will continue their study of the mathematics curriculum outlined in the NYS Common Core Learning Standards. The Common Core Learning Standards focus on fluency and application, both of which are fundamental to the deep long-term understandings necessary for college and career readiness. It is expected that students will continue the path of mathematics study that they began in seventh grade. To that end, seventh graders currently enrolled in Math 7 will be enrolled in Math 8, seventh-graders currently enrolled in Pre-Algebra will be enrolled in Algebra AB, and seventh graders currently enrolled in Algebra BC will be enrolled in Geometry BC. All three pathways provide students with the foundation to pursue an Advanced Regents Diploma in high school. Each mathematics course offered in eighth grade is described in more detail below.

Math 8: Students previously enrolled in Math 7 will be enrolled in Math 8, and will begin a study of functions as they further their understanding of the number system, expressions and equations, statistics and probability, and geometry. Students enrolled in Math 8 will be prepared to enroll in Algebra in ninth grade. Students will be administered the eighth-grade NYS Common Core Assessment, as well as a locally developed final exam in June.

Algebra AB: Students previously enrolled in Pre-Algebra 7 will be enrolled in Algebra AB and will study the Common Core curriculum for Algebra. Students will be administered the Common Core Algebra Regents Exam in June. Eighth-grade students who successfully complete the course and Regents Exam will receive 1 high school credit, and will be prepared to enroll in Geometry AB in ninth grade.

Geometry BC: Students previously enrolled in Algebra BC will be enrolled in Geometry BC and will study the Geometry curriculum outlined by the Common Core Learning Standards. Students enrolled in Geometry BC are expected to write a math research paper, to present research at the Long Island Math Fair, and to actively participate in extra-curricular math-related activities such as Mathletes and math contests. Students will be administered the Common Core Geometry Regents Exam in June. Eighth-grade students who successfully complete the course and Regents Exam will receive 1 high school credit, and will be prepared to enroll in Algebra II BC in ninth grade.

At this time, you can access your child's course assignments, including his/her recommended mathematics placement, in Parent Portal. If you have any questions or wish to discuss your child's recommended placement, please feel free to contact me by phone at **631-262-6691** or by email at **robin.rann@northport.k12.ny.us**.

Sincerely,

Robin Rann