

MATH 8

Grade 8 has two levels of instruction. Our course selection provides students with an opportunity for success and challenge in their math program. Below are the course designations for the levels of instruction:

8ACC – Accelerated

8R – Pre-Regents

MATH 8ACC

The accelerated program is a continuation of the grade 7 Accelerated program. The students will take the Integrated Algebra Regents Exam in June of grade 8. Students in this program were chosen in the spring of grade 6 on the basis of selected criteria. Students are expected to be highly motivated and must demonstrate, on the basis of their report card grades and Regents Exam grades that they should continue in the program from year to year.

Students who do not meet with a level of success in the accelerated program will still have the opportunity to take two math courses during their senior year. Thus, Advanced Placement Calculus remains an option for students who are not accelerated, but who have demonstrated strong ability in mathematics in grades 9-11.

MATH 8R

Designed to prepare students for a Regents sequence in mathematics, students at this level will be on schedule to take the Integrated Algebra Regents Exam in grade 9. The topics are a continuation of the 7R course. Additional emphasis is placed on solving algebraic equations, word problems, irrational numbers, geometry, graphing, probability and statistics. Attention is paid to problems “in context” as students prepare for the eighth grade NYS Math Assessment Exam.

ACADEMIC INTERVENTION SERVICE MATH 8

AIS Math 8 is designed to supplement and reinforce the Math 8R program. Class sizes are small with a focus on individualized programs. Students are scheduled for AIS Math based upon the level of score on the NYS Math Assessment Exam and/or teacher recommendation.