

Wallingford Public Schools
 High School Mathematics Course Selection Guidelines
 9th Grade

Course Title	Course Number	Description	Guidelines
Geometry H	1222	Designed for students of superior ability who have completed the algebra program in the middle school. Students should possess strong study skills, a good grasp of abstract concepts in algebra, and be independent learners able to handle a fast paced course. Skills acquired in previous courses will be used and should be mastered.	CMT Scores above 290 20 out of 23 Strands Mastered.
Geometry A	1223	Designed for students with good ability who have completed the algebra program in the middle school. Skills acquired in previous courses will be used and need to be recalled with little assistance. Students should possess good study skills.	CMT Scores between 269-289 At least 18 Strands Mastered.
Algebra 1 A	1153	Designed for students who have achieved goal level on CMTs. Operations with fractions, decimals, percents, and integers will be used and should be mastered. Students should possess good study skills.	CMT Scores between 249-268. At least 14 strands mastered.
Algebra 1G	1154	Designed for students who have demonstrated some proficiency with operations involving fractions, decimals, percents and integers, and need a more moderately paced approach.	CMT Scores between 229-248 At least 10 strands mastered.
Transitions to Algebra		Designed for students whose math skills need improvement before they are ready to formally study algebra. This is indicated by their CMT scores and teacher recommendations.	CMT Scores between 210-228. At least 6-7 strands mastered.
Elements of Math	1015	Designed for students who have difficulty understanding basic mathematical concepts. Only those students who have been identified as being in need of remediation are placed in the basic level.	CMT Scores below 210. 6 or fewer strands mastered.

A student who achieves a grade of less than 80% in Algebra 1 at the middle school level should consider repeating the course at the high school level. This decision should be made in conjunction with the current Grade 8 math teacher and the student's parents.