



**SAINT  
JOSEPH  
PREP**

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**Algebra 1**  
*Grade 9*

This course will examine expressions, equations, functions, graphing, word problems, and inequalities. Students are introduced to systems of equations, factoring, properties of numbers, ratios and proportions, exponents, and exponential functions, and quadratic expressions and equations. Students will develop skills in all these areas in conjunction with the use of the graphing calculator (TI 83 or 84). Other skills include problem solving, critical thinking, and SAT-type practice questions. Upon completion of this course, students will have demonstrated a readiness for Geometry at either the honors or college prep level.