The purpose of this course is to prepare students for the year-long Algebra 1 course in high school (grade 9). The focus of this course is building the foundation necessary for success in the study of algebra. During this course, students will engage in formulating and reasoning about expressions and equations, including modeling an association in bivariate data with a linear equation, and solving linear equations and systems of linear equations; use functions to describe quantitative relationships; analyze two- and three-dimensional space and figures using distance, angle, similarity, and congruence, and understand and applying the Pythagorean Theorem.