

Seventh and eighth grade math is divided into three different courses: Math-7, Pre-Algebra, and Algebra 1. Each student will take two of these classes. Math-7 is a general seventh grade math class that focuses on building a solid foundation for Pre-Algebra the following year. Pre-Algebra is offered to seventh grade students who have previously demonstrated an above average proficiency and are ready for a faster-paced course that prepares them for Algebra 1 in eighth grade. Pre-Algebra is offered to eighth grade students as a follow-up class to Math-7 and a preparatory class for Algebra 1 in ninth grade. Algebra 1 is a high-school level class, and upon successful completion of this course, students are able to receive high school credit.

Math-7

Math-7 expands upon the concepts learned in sixth grade. The text used is Mathematics: Application and Concepts, Course 2 (Course 1 is used in sixth grade) by Glencoe. This course is designed for those students not yet ready for Pre-Algebra as seventh graders. The topics covered include: fractions, decimals, percents, integers, equations, inequalities, graphing coordinates, graphing equations, ratios, proportions, probability, geometry, statistics, and measurement. The Arkansas State Framework Standards are used to determine the topics covered in this class.

Pre-Algebra

Pre-Algebra is offered for seventh and eighth graders, and the same curriculum is used in both classes. The text used is Pre-Algebra by Glencoe. The topics covered include: integers, equations, inequalities, fractions, decimals, percents, ratios, proportions, linear functions and graphing, geometry, measurement, statistics, probability, and polynomials. The Arkansas State Framework Standards are used to determine the topics covered in this class.

Algebra 1

Algebra 1 is offered to accelerated eighth graders. The text used is Algebra 1 by Glencoe. The topics covered include: real numbers, solving and graphing linear equations, solving linear inequalities, systems of equations and inequalities, polynomials, factoring, quadratic and exponential functions, radicals, geometry, and probability. The Arkansas State Framework Standards are used to determine the topics covered in this class.