Department:

Math

Course Offerings

6th General Math   *1 credit*

General Math students will use their basic math skills to solve various types of equations involving all types of numbers. In addition to solving equations, students will also explore ratios, rates, proportions, and percentages. They will learn how math applies to their daily lives through various activities and assignments. This course is designed to help students make a smooth transition to Pre-Algebra, as well as being a building block to their math education.

6th General Math Honors   *1 credit*

General Math students will review their basic math skills involving fractions, decimals, and whole numbers. They will later use these skills to solve basic one-step and two-step equations. In addition to solving equations, students will also explore ratios, rates, proportions, and percentages. They will learn how math applies to their daily lives through various activities and assignments. This course is designed to help students make a smooth transition to Pre-Algebra, as well as being a building block to their math education.

7th Pre-Algebra   *1 credit*

Pre-Algebra students are expected to have a good understanding of basic math skills – they should be able to manipulate whole numbers, fractions, and decimals without any difficulties. In this course they will expand upon these skills using signed numbers. They will also be introduced to concepts of variables, solving linear equations, and geometry formulas. Problems involving ratios, percentages, and proportions will also be emphasized. Students will learn how to apply math to their daily lives through various activities. This course is designed to help students make a smooth transition from basic math to Algebra.

7th Pre-Algebra Honors   *1 credit*

Pre-Algebra students are expected to have a good understanding of basic math skills – they should be able to manipulate whole numbers, fractions, and decimals without any difficulties. In this course they will expand upon these skills using signed numbers. They will also be introduced to concepts of variables, solving linear equations, and geometry formulas. Problems involving ratios, percentages, and proportions will also be emphasized. Students will learn how to apply math to their daily lives through various activities. This course is designed to help students make a smooth transition from basic math to Algebra.

8th Algebra I   *1 credit*

Algebra I students will have a quick review of basic algebraic concepts, such as variables, order of operations, exponents and problem solving skills. They will gain a thorough introduction to functions, solving linear equations and inequalities, solving systems of equations and inequalities, operations on rational and irrational expressions and factoring polynomials. The

main purpose of the course is to give students a thorough introduction of linear functions and quadratic equations. They will learn all the operations associated with the two, such as factoring and graphing.

8th Algebra I Honors *1 credit*

Algebra I students will have a quick review of basic algebraic concepts, such as variables, order of operations, exponents and problem solving skills. They will gain a thorough introduction to functions, solving linear equations and inequalities, solving systems of equations and inequalities, operations on rational and irrational expressions and factoring polynomials. The main purpose of the course is to give students a thorough introduction of linear functions and quadratic equations. They will learn all the operations associated with the two, such as factoring and graphing.