**Math Workshop Descriptions:**

**Math anxiety:** skills and strategies for overcoming math concerns and fears affecting student success

**Order of operations:** how to follow the order of operations to accurately evaluate expressions.

**Addition and subtraction of fractions:** a review of adding and subtracting fractions.

**Multiplication and Division of fractions:** a review of multiplying and dividing fractions.

**Equations of lines:** how to write the point-slope and slope-intercept forms of linear equations.

**Graphing linear equations:**  how to plot points, graph lines, and interpret the slope of a line.

**Word problems (motion):** how to solve problems involving rate, time and distance.

**Word problems (mixture):** how to solve problems that involve mixing of different substances.

**Word problems (percent and interest):** how to solve problems about investments and interest rates.

**Word problems (geometry):** how to solve word problems using principles of Euclidean geometry.

**Properties of exponents:** a review of basic properties of exponents.

**Division of polynomials by binomials:** how to divide polynomials using factoring or dividing by greatest common factor.

**Trinomial factoring:**  how to write a trinomial as a product of its factors.

**Addition and subtraction of rational expressions:**  how to simplify expressions involving addition and subtraction of fractions that contain variables.

**Multiplication and division of rational expressions:**  how to simplify and solve equations involving multiplication and division of fractions that contain variables.

**Basic logarithms:** how to solve a logarithmic equation by rewriting the equation in exponential form and solving for the variable.

**Scientific notation:** how toconvert numbers to accommodate values too large or small to be conveniently written in standard decimal notation.

**Operations with Integers:** how to simplify expressions with signed numbers.

**Rational equations:** How to solve equations containing rational expressions.

**Radical equations:** How to solve equations containing radicals.

**Addition and Subtraction of decimals:** how to add and subtract decimal numbers.

**Multiplication and Division of decimals:** how to multiply and divide decimal numbers.

**Dimensional analysis**: how to convert metric and American units using dimensional analysis.