

Tutor: Grecia Fenton

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Grade Level: 8th-10th

Course Description: This course shifts the emphasis from manipulative skills to more conceptual skills. Students will explore the language of algebra in verbal, graphical, and symbolic forms by using variables and functions to model numerical patterns. The course covers the properties of algebra, rational numbers, linear equations, proportional reasoning, graphing relations and their functions, analyzing linear equations, solving linear inequalities, systems of equations, polynomials, factoring, quadratic and exponential functions, rational expressions and equations, and radical expressions and equations.

Prerequisites: Pre-Algebra recommended

Textbook: Glencoe Algebra 1, Integration, Applications, Connections; Copyright 2001; ISBN-13:978-0028253268/ ISBN-10:0028253264

Supplies Required: Pencil, homework notebook, graph paper. Calculator is permitted.

- **Monthly Class Cost:** \$8.00 per week
- **Materials/Lab Fee:** none

FLDOE Course Number: 1200310

Minimum # of students: 2

Maximum # of students: 8-12

