



Algebra 1

Facilitator: Dave Miller

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Course Description: This college prep course meets the standards for 1 credit in Algebra 1 under South Carolina's guidelines. Students will meet weekly to learn math concepts from a qualified instructor in a small group setting. The facilitator will design and administer occasional quizzes, a mid-term and final exam. It is not required that a student use our suggested curriculum; however, the facilitator will set the pace for the online curriculum, Thinkwell Homeschool Algebra 1, by sending out weekly lesson plans. Thinkwell's Algebra 1 course has daily online videos and automatic grading that teaches algebra from a qualified math instructor, and in a way students can easily learn. Whether you need a complete algebra course or algebraic homework help, the Pathways Algebra 1 class has everything you need.

Objectives:

- **Foundations for Algebra**
- **Equations, Proportions, and Percent**
- **Inequalities**
- **Functions**
- **Linear Functions**
- **Systems of Equations and Inequalities**
- **Exponents and Polynomials**
- **Factoring Polynomials**
- **Quadratic Functions and Equations**
- **Data Analysis and Probability**
- **Exponential and Radical Functions**
- **Rational Functions and Equations**

Curriculum to purchase: www.thinkwellhomeschool.com Algebra 1 (12 month subscription)

****Note:** It is not mandatory to use Thinkwell Algebra 1 curriculum in order to take this course; however, that is the guide that will be used by the facilitator to set the pace for the class. Students who choose to use another curriculum are welcome to participate in the class.