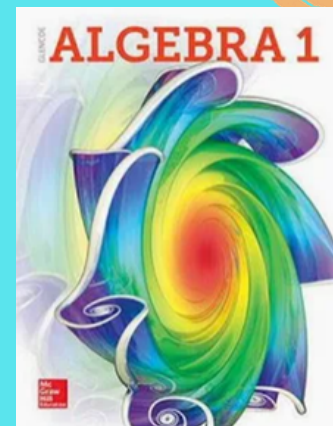


ALGEBRA 1

Algebra 1 Course Description

This Algebra 1 course builds foundational algebra and problem-solving skills. Students learn expressions, functions, linear equations, and how to graph and model real-world situations. They also study inequalities, systems of equations, exponents, radicals, and polynomials. The course includes data, probability, and an introduction to quadratic functions and equations. By the end of the course, students will have developed critical thinking, analytical reasoning, and mathematical communication skills, preparing them for future coursework in mathematics and real-world problem solving.



Algebra 1, McGraw Hill, 2018



Course Topics

1. Expressions and Functions
2. Linear Equations
3. Linear and Nonlinear Functions
4. Equations of Linear Functions
5. Linear Inequalities
6. Systems of Linear Equations and Inequalities
7. Exponents and Radical Expressions
8. Polynomials
9. Data and Probability
10. Quadratic Functions & Equations

Additional Resources

- McGraw Hill (Access through Clever) – access to the eTextbook
- IXL (Access through Clever) - includes Skill Plans for Keystone Exams and for the McGraw Hill Algebra 1 Textbook
- [Keystone Algebra 1 Assessment Information](#)
- [Desmos Graphing Calculator – Keystone Version](#)

