

New Caney ISD 2024-2025 Annual Sequence Algebra II

1st 9 weeks Functions, Systems, and Absolute Value

- 1.1 Introduction to Functions: Linear, Absolute Value, Quadratic Functions 2A.7I, 2A.2A, 2A.6C
- 1.2 Solving 2 and 3 Variable Systems A.2I, A.5C, A.3F, A.3G, 2A.3A, 2A.3B
- 1.3 Systems of Inequalities A.3E, A.3F, A.3G
- 1.4 Absolute Value 2A.2A, 2A.6D, 2A.6E, 2A.6F, 2A.7I, 2A.6C

2nd 9 weeks Polynomials and Quadratics

- 2.1 Solving Quadratics 2A.4F, 2A.4H, 2A.7A
- 2.2 Linear and Quadratic Systems 2A.3A, 2A.3C, 2A.3D
- 2.3 Quadratic Functions 2A.7A, 2A.4D, 2A.4A, 2A.4B, 2A.4E

3rd 9 weeks Square Root, Quadratic, Cubic, & Cube Root Functions

- 3.1 Introduction to Functions: Square Root, Cubic, & Cube Root Inverses 2A.2A, 2A.4C, 2A.6A, 2A.6G, 2A.5A, 2A.4E, 2A.2B, 2A.2C, 2A.2D
- 3.2 Square Root, Quadratic, Cubic, & Cube Root Inverses 2A.4E, 2A.2B, 2A.2C, 2A.2D
- 3.3 Solve Square Root and Cube Root Functions 2A.6B, 2A.4G, 2A.4F, 2A.7G, 2A.7H
- 3.4 Factoring Cubic and other Polynomial Functions 2A.7B, 2A.7E, 2A.7D, 2A.7C

4th 9 weeks Rational, Exponential, Logarithmic Functions, Data

- 4.1 Simplify Rational Expressions 2A.7F
- 4.2 Solve Rational Equations 2A.6I, 2A.6H, 2A.6J
- 4.3 Inverse Variation 2A.6K, 2A.6L
- 5.1 Exponential Functions and Logarithmic Functions 2A.5B, 2A.5D, 2A.5C, 2A.5E
- 5.3 Exponential and Logarithmic Inverses 2A.2A, 2A.2C, 2A.2B
- 5.4 Data 2A.8A, 2A.8B, 2A.8C