Math – Algebra 2.5
Hartley-Melvin-Sanborn CSD
Grade Level/Course Benchmarks

By the end of Algebra 2.5, students will:

A2.5.1 Demonstrate an understanding of functions. (Standards 3, 4)

A2.5.2 Demonstrate the use of slopes (rate of change) and how they apply to real life situations. (Standards 4, 5)

A2.5.3 Demonstrate how to solve a system of linear equations in real life situations by the use of graphs, algebraic methods and technology. (Standards 4, 6)

A2.5.4 Demonstrate an understanding of both positive and negative exponents. (Standards 1, 4)

A2.5.5 Demonstrate an understanding of the concepts relating exponential and logarithmic functions. (Standard 4)

A2.5.6 Demonstrate the use of exponential growth and decay concepts and formulas in real life situations. (Standards 2, 4, 6)

A2.5.7 Recognize the properties of power functions and be able to construct and interpret graphs of power functions. (Standards 4, 5)

A2.5.8 Be able to compare power functions and exponential functions. (Standards 2, 4, 6)

A2.5.9 Be able to understand the behavior and construct graphs of quadratic and other polynomial equations. (Standards 4, 6)

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