# Unit Pacing Guide: Algebra 1 H 

Content Area: Course(s): Time Period: Length: Status:



# Belleville Public Schools Unit Pacing Guide 

Content Area: Mathmatics
Course(s): Algebra 1 H
Time Period: Sept. - June

Division of Units / Topics:

Expressions, Equations, \& Linear Relationships
Topic - Textbook Section - Curricular Unit(s)

Review: Writing Equations - 2.1-Unit 1
Solving One-Step Equations - 2.2 - Unit 1
Solving Multi-Step Equations - 2.3- Unit 1
Solving Equations with the Variable on Each Side - 2.4 - Unit 1

Ratios \& Proportions - 2.6- Unit 1
Percent of Change - 2.7-Unit 1
Graphing Linear Equations - 3.1-Unit 3
Solving Linear Equations by Graphing - 3.2 -

MP 1- Expressions \& Equations
(41+ Days)


| - Unit 4 <br> Solve System of Equations using Elimination with Multiplication - 6.4-Unit 4 |  |
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| Linear, Quadratic, \& Exponential Relationships <br> Topic - Textbook Section - Curricular Unit(s) <br> Solve Inequalities by Graphing - 6.6 - Unit 4 <br> Interpreting Graphs of Functions - 1.8-Unit 5 <br> Analyze and Graph Quadratic Functions -9.1-Unit 5 <br> Solve Quadratic Equations by Graphing - 9.2 - Unit 5 <br> Transformation of Quadratic Functions - 9.3 - Unit 5 <br> Identify and Graph piecewise, absolute value and step functions - 9.7 - Unit 5 <br> Graph and Identify Expontial Functions - 7.5 - Unit 5 <br> Exponential Growth and Decay(Graphing Calculator) - 7.6-Unit 5 <br> Multiplication and Division Properties of Exponents - 7.1 \& 7.2-Unit 6 | MP 3- Linear, Quadratic, \& Exponential Relationships (43+ Days) |
| Polynomials, Quadratic Equations, and Radicals <br> Topic - Textbook Section - Curricular Unit(s) <br> Adding and Subtracting Polynomials - 8.1 Unit 6 <br> Solve Equations Iusing Multiplication of Monomials and Polynomials - 8.2-Unit 6 <br> Multiply Polynomials using the Distributive Property-8.3-Unit 6 <br> Factor Polynomials and Solve Equations ax^2 $+\mathrm{bx}=0-8.5-$ Unit 6 <br> Factor Trinomials and Solve Equations $\mathrm{x}^{\wedge} 2+$ | MP 4- Polynomials, Quadratic Equations, and Radicals (43+ Days) |


| $\mathrm{bx}+\mathrm{c}=0-8.6$ - Unit 6 |
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| Factor Polynomials and Solve Equations $\mathrm{ax}^{\wedge} 2$ |
| $+\mathrm{bx}+\mathrm{c}=0-8.7$ - Unit 6 |
| Diiference of Squares - 8.8 - Unit 6 |
| Quadratic Formula - 9.5 - Unit 7 |
| Simplify Radical Expressions - 10.1 - Unit 7 |
| Add, Subtract \& Multipli Radical Expressions |

