

Naylor Algebra I Curriculum 2017-2021

Qtr.	Unit	Time	Standards Taught
2nd	Linear Inequalities	3 weeks	
Standard and/or initial resources used: Textbook: Algebra I, Glencoe, 2010 Kutasoftware Algebra with Pizzazz desmos.com			A1.CED.A.1 Create equations and inequalities in one variable and use them to model and/o solve problems. A1.REI.B.3 Solve a system of linear equations algebraically and/or graphically. A1.CED.A.3 Represent constraints by equations or inequalities and by systems of equations or inequalities, and interpret the data points as a solution or non solution.
Substitute or Added Resources:			
Notes:			

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Qtr.	Unit	Time	Standards Taught
3rd	Systems of Linear Equations and Inequalities	3 weeks	
Standard and/or initial resources used: Textbook: Algebra I, Glencoe, 2010 Kutasoftware Algebra with Pizzazz teacher.desmos.com			A1.CED.A.2 Create and graph linear, quadratic and exponential equations in two variables. A1.CED.A.3 Represent constraints by equations or inequalities and by systems of equations or inequalities, and interpret the data points as a solution or non solution. A1.REI.C.6 Explain that the graph of an equation in two variables is the set of all its solutions plotted in the Cartesian coordinate plane. A1.REI.B.5 Justify that the technique of linear combination produces an equivalent system of equations.
Substitute or Added Resources:			
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Qtr.	Unit	Time	Standards Taught
3rd	Polynomials	3 weeks	
<p>Standard and/or initial resources used:</p> <p>Textbook: Algebra I, Glencoe, 2010</p> <p>Kutasoftware</p> <p>Algebra with Pizzazz</p>			<p>A1.SSE.A.2 Analyze the structure of polynomials to create equivalent expressions or equations.</p> <p>A1.SSE.A.1 Interpret the contextual meaning of individual terms or factors from a given problem that utilizes formulas or expressions.</p> <p>A1.IF.C.8 Translate between different but equivalent forms of a function to reveal and explain properties of the function and interpret these in terms of a context.</p> <p>A1.APR.A.1 Add, subtract and multiply polynomials</p>
<p>Substitute or Added Resources:</p>			
<p>Notes:</p>			

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Qtr.	Unit	Time	Standards Taught
4th	Factoring and Quadratic Equations	3 weeks	
Standard and/or initial resources used: Textbook: Algebra I, Glencoe, 2010 Kutasoftware Algebra with Pizzazz			A1.SSE.A.2 Analyze the structure of polynomials to create equivalent expressions or equations. A1.SSE.A.3 Choose and produce equivalent forms of a quadratic expression or equations to reveal and explain properties: find the zeros; find max/min A1.CED.A.2 Create and graph linear, quadratic and exponential equations in two variables. A1.REI.A.1 Solve problems involving quadratic equations: completing the square, quadratic formula A1.REI.B.4 Solve a system consisting of a linear equation and a quadratic equation algebraically and /or graphically.
Substitute or Added Resources:			
Notes:			

