

**Richmond Public Schools Pacing Chart Outline**  
**Algebra 1 Part 2**

Quarter	2018 SOL #	Objective	Timeline	Prerequisite (Review before each unit)
1	Review	REVIEW - Algebra 1 Part 1	12 blocks	Algebra 1 Part 1
	A.1	Variables and Expressions	1 block	
	A.2	Polynomials	2 blocks	
	A.3	Powers, Exponents and Radicals	1 block	
	A.4ae	Literal Equations	1 block	
	A.4c	Solving multi-step equations/Real world	1 block	
	A.5ac	Solving multi-step inequalities/Real world	1 block	
	A.6a,b,c	Graphing and Writing Linear Functions	2 blocks	
	A.7a,b,e,f	Linear Relations and Functions	3 blocks	
	A.8	Unit 8: Direct and Inverse variation	7 blocks	Coordinate plane Graphing points Tables Reading graphs
		A. Direct variation algebraically and graphically	2 blocks	
		B. Inverse variation algebraically	2 blocks	
		C. Determine if direct or inverse variation exist in a real world situation		
<b>*Review, Reteach, and Cumulative Assessment</b>				

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2	A.8	Unit 8: Direct and Inverse variation  D. Determine if direct or inverse variation exist in a real world situation <b>CONTINUED</b>	7 blocks  3 blocks	Coordinate plane Graphing points Tables Reading graphs
	A.4de A.5bcd	Unit 9: Systems of Equations and Inequalities  A. Solving Systems of Equations Graphically and Algebraically B. Represent the solution of linear inequalities in two variables graphically; C. Solve practical problems involving inequalities; and represent the solution to a system of inequalities graphically.	12 blocks  4 blocks 4 blocks 4 blocks	

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3	A.2c	Unit 10: Factoring A. Factoring completely first and second degree Binomials B. Factoring completely first and second degree Trinomials	6 blocks	Factors and GCF
	A.4b A.7cd	Unit 11: Quadratics equations and functional relationship A. Solving quadratics Graphically and algebraically B. Identify Domain and Range algebraically and graphically of a quadratic function C. Zeros of a Quadratic relation Graphically and algebraically D. X- and Y- intercepts of a Quadratic relation Graphically and algebraically E. Curve of Best Fit	10 blocks  2 blocks 2 blocks 2 blocks 2 blocks 2 blocks	
	<b>*Review, Reteach, and Cumulative Assessment</b>			

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	A.9	Unit 12: Statistics A. Curve of Best fit	4 blocks	
4	<b>SOL Review and Testing</b>			

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