

Richmond Public Schools Pacing Chart Outline
Algebra 1 Part 1

Quarter	2017 SOL #	Objective	Timeline	Prerequisite (Review before each unit)
1	A.1	Unit 1: Variables and Expressions A. Translate verbal into algebraic expressions B. Evaluate Algebraic Expressions	7 blocks 4 blocks 3 blocks	Order of Operations Operations With Real Numbers
	A.2	Unit 2: Polynomials A. Adding/ subtracting Polynomial B. Multiplying/Dividing Polynomial	10 blocks 4 blocks 4 blocks	Combining Like Terms
	*Review, Reteach, and Cumulative Assessment			

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2	A.2	Unit 2: Polynomials C. Multiplying/Dividing Polynomial CONTINUED	2 block	Combining Like Terms
	A.3	Unit 3: Powers, Exponents, and Radicals A. Laws of Exponents B. Square Roots C. Cube Roots	8 blocks 3 blocks 2 blocks 3 blocks	Input symbols into calculator
	A.4 ae A.4c	Unit 4: Solving Linear Equations A. Literal Equations B. Solving multi-step equations/Real World Problems	8 blocks 4 blocks 1 block	Inverse operations Integers One-step equations Two step equations

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3	A.4 ae A.4c CON't	Unit 4: Solving Linear Equations C. Solving multi-step equations/Real World Problems CONTINUED	4 blockc	Inverse operations Integers One-step equations Two step equations
	A.5ac	Unit 5: Solving Linear Inequalities: A. Solving multi-step inequalities/Real World Problems	6 blocks 3 blocks 3 blocks	Inequality rules Integers
	A.6abc	Unit 6: Graphing And Writing Linear Functions A. Determine slope given a graph, 2 points or an equation	14 blocks 6 blocks	Coordinate plane Graphing points
*Review, Reteach, and Cumulative Assessment				

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4	A.6abc	Unit6: Graphing And Writing Linear Functions B. Writing equations given a graph C. Writing equations given slope, 2 points or a point and slope CONTINUED	14 blocks 4 blocks 4 blocks	Coordinate plane Graphing points
	A.7abef	Unit 7: Linear Relations and Functions A. Determine whether a relation is a function B. Identify Domain and Range algebraically and graphically of a linear function	8 blocks 2 blocks 2 blocks	Coordinate plane Graphing points Tables Input output

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		C. Find Values of a function for elements in its Domain	2 blocks	
		D. Making connections among functions concrete verbal, numeric, graphic, and algebraically	2 blocks	
Review and Testing				

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