

Algebra Proficiency Map

Algebra 1 (with 8th graders)									
Unit 1: Solving Linear Equations & Inequalities	Unit 2: Representing Functions	Unit 3: Graphing and Writing Equations of Lines	Unit 4: Systems of Linear Equations and Inequalities	Unit 5a: Pythagorean Theorem, Applications of exponents, and Unit 5b: Congruence and similarity	Unit 6: Laws of Exponents and Exponential Functions	Unit 7: Non-Linear Functions (absolute value, squares, cubes)	Unit 8: Quadratic Functions and Polynomial Expressions	Unit 9: Solving Quadratic Equations	Unit 10: Statistics
3 weeks/15 days	3 weeks/15 days	3 weeks/15 days	3 weeks/15 days	2 weeks/10 days	5 weeks/25 days	2 Weeks/10 days	6 weeks/30 days	3 weeks/15 days	
A.CED.1	A.CED.1	A.CED.1	A.CED.1	Unit 5a	8th Grade	F.BF.3	A.APR.1	A.REI.4.a	S.ID.1
A.CED.2	A.CED.2	A.CED.2	A.CED.2	8.EE.2	8.EE.1	F.IF.7b	A.APR.3	A.REI.4.b	S.ID.2
A.CED.3	A.CED.3	A.REI.10	A.CED.3	8.G.6	8.EE.3		A.CED.1	A.REI.7	S.ID.3
A.CED.4	A.SSE.1	F.BF.1	A.REI.10	8.G.7	8.EE.4		A.CED.2	A.SSE.3.a	S.ID.5
A.REI.1	F.BF.1	F.IF.1	A.REI.11	8.G.8			A.REI.10	A.SSE.3.b	
A.REI.3	F.IF.1	F.IF.2	A.REI.12		A.SSE.2		A.REI.4.a	N.RN.3	
	F.IF.2	F.IF.3	A.REI.3	Unit 5b:	A.SSE.3.c		A.REI.4.b		Mini Lesson: Volume
	F.IF.4	F.IF.4	A.REI.6	8.G.1	F.IF.7e		A.SSE.1		1 weeks/5 days
	F.IF.5	F.IF.5		8.G.2	F.IF.8b		A.SSE.2		8.G.9
	N.Q.1	F.IF.6		8.G.3	F.IF.9		A.SSE.3.a		
	N.Q.2	F.IF.7b		8.G.4	F.LE.1		A.SSE.3.b		
	S.ID.6	F.IF.9		8.G.5	F.LE.5		F.IF.1		
		F.LE.2			N.RN.2		F.IF.2		
		S.ID.7					F.IF.4		
		S.ID.8					F.IF.7a		
		S.ID.9					F.IF.8a		
							S.ID.6		